# Projekt - Prognozowanie i symulacja zjawisk gospodarczych

Piotr Pasierb, Oskar Paśko, Michał Żychowski

2024-05-04

## Projekt - Prognozowanie i symulacja zjawisk gospodarczych

## Wczytanie bibliotek

Wczytuje potrzebne biblioteki do projektu.

## Wczytanie danych

Wczytuje dane wykorzystywane do analizy w projekcie.

Dalej dane są podzielone na 7 zbiorów. Pierwsze cztery zbiory to "Wskażniki makroekonomiczne" z strony Głównego Urzędu Statystycznego. Dane zbiorów 5-7 są z strony kaggle.com. Zbiór piąty to dzienne dane pogodowe Indii. Szósty zbiór to godzinowe dane pogodowe Półwyspu Gallipoli. Ostatni zbiór zawiera miesięczne dane pogodowe Stanów Zjednoczonych Ameryki.

#### Zbiór 1

##				Data	Podaż	pieniądza	ogółem	МЗ	w mln zł.
##	1	I	kw.	2000					269788.1
##	2	II	kw.	2000					291886.9
##	3	III	kw.	2000					289140.2
##	4	IV	kw.	2000					300757.3
##	5	I	kw.	2001					309465.8
##	6	II	kw.	2001					315025.5
##	7	III	kw.	2001					327153.5
##	8	IV	kw.	2001					329704.7
##	9	I	kw.	2002					321319.3
##	10	II	kw.	2002					325076.4

#### Zbiór 2

##				Data	Wskażnik	ogólnego	klimatu	koniunktury	W	budownictwie
##	1	I	kw.	2000						22.2
##	2	II	kw.	2000						24.2
##	3	III	kw.	2000						9.8
##	4	IV	kw.	2000						-24.4
##	5	I	kw.	2001						1.9
##	6	II	kw.	2001						8.1
##	7	III	kw.	2001						-1.9

## 8	IV kw.	2001	-35.1
## 9	I kw.	2002	-10.0
## 10	II kw.	2002	6.8

## Zbiór 3

##				Data	Mieszkania	oddane	do	użytkowania	w tys
##	1	I	kw.	2000					18.0
##	2	II	kw.	2000					16.3
##	3	III	kw.	2000					20.5
##	4	IV	kw.	2000					33.0
##	5	I	kw.	2001					25.8
##	6	II	kw.	2001					21.9
##	7	III	kw.	2001					24.2
##	8	IV	kw.	2001					34.1
##	9	I	kw.	2002					21.9
##	10	II	kw.	2002					20.9

## Zbiór 4

##				Data	Dochody	budżetu	państwa	ogółem	w mln zł.
##	1	I	kw.	2000					30949.7
##	2	II	kw.	2000					64244.2
##	3	III	kw.	2000					97880.7
##	4	IV	kw.	2000					135663.9
##	5	I	kw.	2001					31623.2
##	6	II	kw.	2001					67729.7
##	7	III	kw.	2001					102775.5
##	8	IV	kw.	2001					140526.9
##	9	I	kw.	2002					31275.3
##	10	II	kw.	2002					65111.0

## Zbiór 5

##		Data	Średnia	temperatura	W	ciągu dnia.
##	1	2017-01-01				15.91304
##	2	2017-01-02				18.50000
##	3	2017-01-03				17.11111
##	4	2017-01-04				18.70000
##	5	2017-01-05				18.38889
##	6	2017-01-06				19.31818
##	7	2017-01-07				14.70833
##	8	2017-01-08				15.68421
##	9	2017-01-09				14.57143
##	10	2017-01-10				12.11111

## Zbiór 6

```
## Data i godzina Temperatura.
## 1 1.01.2008 03:00 -0.1
## 2 1.01.2008 04:00 2.5
```

```
## 3 1.01.2008 05:00
                                2.9
## 4
     1.01.2008 06:00
                               3.9
     1.01.2008 07:00
                               4.9
     1.01.2008 08:00
## 6
                               5.0
     1.01.2008 09:00
                               5.2
## 8 1.01.2008 10:00
                               6.4
## 9 1.01.2008 11:00
                               7.6
## 10 1.01.2008 12:00
                               8.5
```

#### Zbiór 7

##		Data i godzina	Srednia	miesięczna	temperatura.
##	1	1942-02-01			1.0
##	2	1942-03-01			-5.0
##	3	1942-04-01			3.0
##	4	1942-05-01			9.3
##	5	1942-06-01			10.8
##	6	1942-07-01			13.0
##	7	1942-08-01			13.1
##	8	1942-09-01			11.3
##	9	1942-10-01			0.8
##	10	1942-11-01			-8.2

### Szeregi czasowe

Utworzenie szeregów czasowych z wczytanych zbiorów danych.

#### Szereg pierwszy

```
##
             Qtr1
                       Qtr2
                                 Qtr3
                                           Qtr4
## 2000
        269788.1
                  291886.9
                             289140.2
                                       300757.3
## 2001
        309465.8
                  315025.5
                             327153.5
                                       329704.7
## 2002
        321319.3
                  325076.4
                             324176.7
                                       326124.9
## 2003
        325677.6
                  331497.6
                             335817.5
                                       345144.8
## 2004
        345881.0
                             360297.6
                  356641.3
                                       377534.5
## 2005
        391189.6
                  404867.3
                             414133.8
                                       427125.4
## 2006
        433718.5
                  454377.1
                             469492.1
                                       495309.5
## 2007
        511981.7
                  521382.1
                             537327.3
                                       561623.8
## 2008
        581823.2
                  606583.1
                             630463.7
                                       666231.3
        683678.5
## 2009
                   693693.4
                             691267.9
                                       720232.5
## 2010
        721504.9
                  742764.2
                             752866.4
                                       783648.5
## 2011
        801199.0
                  797345.2
                             829472.9
                                       881496.3
## 2012 874495.8
                  884720.9
                             892680.0
                                       921411.7
## 2013
        932005.5
                  946586.4
                             947227.6
## 2014 980377.3 996171.2 1021824.2 1059015.3
## 2015 1066042.2 1077727.5 1106539.7 1154992.6
## 2016 1162603.0 1200886.0 1210101.4 1265675.2
## 2017 1253372.8 1261178.1 1275942.4 1324368.6
## 2018 1325795.6 1352491.9 1376164.8 1446093.4
## 2019 1457187.1 1478217.7 1506171.3 1565639.8
## 2020 1628423.4 1746224.8 1762175.6 1822727.7
## 2021 1862487.8 1876000.6 1914199.2 1984816.2
```

```
## 2022 2009566.3 1998843.5 2062092.8 2091255.5
## 2023 2140215.9 2157333.8 2233889.8 2268269.3
```

#### Szereg drugi

```
Qtr1
             Qtr2 Qtr3 Qtr4
## 2000 22.2 24.2
                    9.8 -24.4
## 2001
              8.1 -1.9 -35.1
        1.9
## 2002 -10.0
              6.8 -0.1 -29.0
## 2003 -6.4 18.5
                    0.4 - 28.4
## 2004 -19.8
              7.7
                   10.0 - 4.7
## 2005
       -6.9
             15.6
                  22.4
                         7.4
## 2006
        2.7
              27.0 31.6 20.3
## 2007 18.7
              30.0 27.4 15.6
## 2008 18.4 23.9 19.0 -5.9
## 2009 -30.1 -8.0 -4.8 -15.5
## 2010 -5.6
              2.0 -1.4 -19.5
## 2011 -5.3
              3.6 -4.2 -22.7
## 2012 -11.8 -14.3 -22.2 -34.9
## 2013 -26.0 -16.9 -14.8 -26.8
## 2014 -11.5 -4.5 -6.9 -18.8
## 2015 -6.6
             -2.0
                   -5.3 -16.1
## 2016 -6.9 -1.4 -5.4 -17.4
## 2017 -1.4
              6.4
                    2.7 - 6.7
## 2018
        5.1
               7.3
                    4.0 -2.8
## 2019
        7.3
              7.8
                    3.2 - 4.6
## 2020 -1.9 -25.9 -15.0 -22.6
## 2021 -15.5 -5.5 -7.9 -15.4
## 2022 -20.1 -15.5 -19.1 -23.9
## 2023 -16.9 -9.7 -9.5 -13.2
```

#### Szereg trzeci

```
Qtr1 Qtr2 Qtr3 Qtr4
## 2000 18.0 16.3 20.5 33.0
## 2001 25.8 21.9 24.2 34.1
## 2002 21.9 20.9 19.8 35.0
## 2003 27.7 38.7 58.1 38.2
## 2004 28.2 22.0 21.8 36.1
## 2005 26.5 22.9 28.0 36.7
## 2006 28.3 22.1 26.2 38.8
## 2007 27.0 25.8 34.1 46.7
## 2008 35.4 33.9 38.2 57.7
## 2009 41.5 34.6 38.7 45.2
## 2010 34.0 29.7 33.9 38.2
## 2011 27.5 27.1 32.3 44.1
## 2012 36.3 31.6 37.0 48.1
## 2013 37.2 30.8 34.1 43.0
## 2014 35.6 30.9 33.7 43.0
## 2015 31.7 32.3 37.4 46.4
## 2016 37.4 36.3 38.3 51.3
## 2017 40.5 37.8 45.9 54.1
## 2018 44.6 38.2 47.0 55.3
```

```
## 2019 47.4 47.1 51.2 61.7
## 2020 49.6 47.5 59.2 64.6
## 2021 53.1 52.4 58.7 70.6
## 2022 54.7 54.5 57.8 71.5
## 2023 55.4 56.8 49.0 60.1
```

#### Szereg czwarty

```
Qtr2
            Qtr1
                                Qtr3
                                          Qtr4
        30949.70 64244.20 97880.70 135663.90
## 2000
## 2001
        31623.20
                  67729.70 102775.50 140526.90
## 2002
       31275.30
                  65111.00 104392.20 143519.80
        33396.90
                  71903.30 109297.00 152110.60
## 2003
## 2004
        36011.30
                  74758.60 113107.60 156281.20
## 2005
        41228.30
                  86694.50 133040.80 179772.20
## 2006
        46785.00 92310.60 144181.80 197639.80
       55396.50 115346.70 174924.30 236367.50
## 2007
        64659.50 127705.90 192377.80 253547.20
## 2008
## 2009
        65726.90 134389.00 202582.00 274183.50
        57022.10 114451.22 181363.30 250302.80
        62587.90 134662.50 205020.00 277557.22
## 2011
## 2012 63520.70 141720.80 213921.96 287595.10
## 2013 61320.81 133732.85 204358.00 279151.20
## 2014 66974.92 136321.39 209190.45 283542.71
## 2015
        67825.25 137023.01 210045.66 289136.71
## 2016
        76818.01 151610.79 238606.49 314683.60
## 2017
        85246.55 176701.72 262262.62 350414.70
## 2018 88469.17 182007.75 272862.13 380048.14
## 2019
        90286.47 192177.12 296027.88 400535.26
## 2020 96198.15 197393.90 304511.82 419795.70
## 2021 101060.60 233971.00 360079.90 494843.50
## 2022 120093.00 263627.00 383133.50 504820.80
## 2023 124691.10 270606.30 417988.30 574121.50
```

#### Szereg piąty

```
## Time Series:
## Start = 2017
## End = 2017.30938349179
## Frequency = 365.2425
     [1] 15.91304 18.50000 17.11111 18.70000 18.38889 19.31818 14.70833 15.68421
     [9] 14.57143 12.11111 11.00000 11.78947 13.23529 13.20000 16.43478 14.65000
##
##
    [17] 11.72222 13.04167 14.61905 15.26316 15.39130 18.44000 18.11765 18.34783
    [25] 21.00000 16.17857 16.50000 14.86364 15.66667 16.44444 16.12500 15.25000
    [33] 17.09091 15.63636 18.70000 18.63158 16.88889 15.12500 15.70000 15.37500
##
    [41] 14.66667 15.62500 16.25000 16.33333 16.87500 17.57143 20.25000 21.30000
##
    [49] 21.12500 22.36364 23.37500 21.83333 19.12500 18.62500 19.12500 19.00000
    [57] 18.75000 19.87500 23.33333 24.46154 23.75000 20.50000 19.12500 19.75000
    [65] 20.00000 22.62500 21.54545 20.78571 19.93750 18.53333 17.37500 17.44444
##
    [73] 18.00000 19.87500 24.00000 20.90000 24.69231 24.66667 23.33333 25.00000
##
##
    [81] 27.25000 28.00000 28.91667 26.50000 29.10000 29.50000 29.88889 31.00000
    [89] 29.28571 30.62500 31.37500 29.75000 30.50000 30.93333 29.23077 31.22222
    [97] 27.00000 25.62500 27.12500 27.85714 29.25000 29.25000 29.66667 30.50000
```

```
## [105] 31.22222 31.00000 32.55556 34.00000 33.50000 34.50000 34.25000 32.90000 ## [113] 32.87500 32.00000
```

#### Szereg szósty

## Time Series: ## Start = 2008.00034153005 ## End = 2022.00154164596 Frequency = 8765.82## [1] -0.1 2.5 2.9 3.9 4.9 5.0 5.2 6.4 7.6 8.5 9.2 9.5 5.8 6.0 ## [13] 9.1 9.1 8.6 7.9 7.6 7.2 7.1 7.1 6.7 6.1 ## [25] 6.2 6.2 5.9 4.9 4.9 5.4 6.5 7.9 8.9 8.8 7.5 6.0 0.6 ## [37] 4.7 4.9 5.1 4.7 4.8 4.8 4.7 4.7 0.2 -0.2 1.3 ## [49] -0.4 -0.4 -0.9 -1.2 -2.8 -3.2 -3.2 -2.2 -1.0 -0.2 0.4 1.0 -0.3 -3.7 -4.0 ## [61] 1.6 1.5 0.3 -1.1 -2.5-4.1 -3.9-3.8 -3.9## [73] -3.9-3.8 -3.9-4.3-4.2-4.2-4.3-3.0-1.8 -0.50.8 1.6 -1.8 -3.6 [85] -0.4 -2.5 ## 2.1 2.1 1.8 -0.9 -0.8 -3.0 -3.4-3.7[97] -3.9 -4.3 -4.9 -5.2 -4.9 -3.1 0.0 0.9 ## -3.8 -4.0 -1.41.0 -0.2 -0.9 -1.0 0.2 0.2 ## [109] 1.1 1.1 0.7 0.2 0.3 0.5 0.8 ## [121] 0.8 0.8 0.8 0.7 0.5 0.7 1.0 2.0 3.1 4.2 5.2 6.1 7.7 8.2 8.2 7.5 7.0 5.7 3.9 3.7 ## [133] 6.3 5.3 4.8 4.4 ## [145] 3.5 3.9 4.4 4.4 4.4 4.7 5.3 6.8 8.2 9.0 9.6 10.2 ## [157] 8.5 8.6 8.6 8.2 8.0 7.8 7.7 7.6 7.5 7.4 7.2 7.1 ## [169] 6.9 6.7 6.4 6.2 3.2 3.6 4.0 5.5 6.5 7.3 7.9 8.2 ## [181] 8.2 7.8 6.9 5.0 4.0 3.3 3.1 2.3 2.0 1.8 1.6 1.4 ## [193] 1.3 1.8 1.6 2.8 3.1 3.5 4.1 4.7 5.4 5.5 5.5 1.5 ## [205] 5.7 5.5 5.1 3.4 2.7 3.5 3.7 3.8 3.6 3.4 3.5 3.7 ## [217] 3.5 3.0 2.6 2.3 3.4 3.4 3.4 3.7 4.5 5.2 5.8 6.1 ## [229] 6.4 6.7 6.6 5.9 5.5 5.2 4.6 4.4 4.1 3.8 3.5 3.3 ## [241] 3.1 2.9 2.8 2.6 3.0 4.0 4.4 5.5 6.2 7.0 7.3 7.4 ## [253] 7.3 6.9 6.2 4.6 3.7 3.0 2.3 2.2 2.1 1.7 1.5 1.0 ## [265] 0.4 0.0 -0.2 -0.3 0.6 0.6 2.8 4.2 5.6 6.6 7.4 1.3 ## [277] 7.9 7.8 7.0 4.2 2.7 3.3 3.3 2.6 2.2 2.8 1.9 1.9 4.2 9.9 ## 1.8 1.6 1.4 1.1 10.7 [289] 1.3 1.1 1.7 7.1 8.8 ## [301] 11.0 11.0 10.4 8.6 7.3 6.2 5.3 5.2 5.0 5.0 5.2 5.4 ## [313] 5.4 5.3 5.2 5.2 2.9 3.0 3.5 6.1 8.9 10.4 11.3 12.2 ## [325] 12.4 12.0 11.0 9.9 9.4 9.6 8.9 8.1 8.0 8.1 7.8 8.5 ## 8.5 9.2 5.3 5.3 7.6 8.0 [337] 9.1 9.1 5.4 5.8 6.0 6.8 ## [349] 8.5 8.4 8.5 7.8 7.2 6.8 6.4 6.1 5.7 5.5 5.2 5.0 ## [361] 4.9 4.8 4.8 4.9 5.7 5.7 5.8 6.4 7.3 8.1 9.3 10.0 ## [373] 11.2 11.3 11.4 10.9 10.4 10.2 10.0 9.9 9.7 9.3 9.4 9.1 8.4 13.9 ## [385] 8.9 8.7 8.4 7.5 8.5 8.9 10.9 12.2 13.2 14.1 13.9 10.1 10.0 ## [397] 14.4 14.2 10.4 10.2 10.2 10.1 10.2 9.9 11.5 ## [409] 9.9 9.9 10.0 9.9 6.4 6.3 6.6 9.0 11.7 13.6 14.6 14.9 [421]14.7 14.4 6.5 6.5 ## 13.5 11.0 9.0 8.7 8.0 7.7 7.1 6.1 ## [433] 5.9 5.5 5.3 5.3 5.2 5.2 5.8 7.5 9.2 10.2 11.0 11.3 ## [445]11.5 11.3 10.6 9.0 7.9 7.4 7.1 6.7 6.1 5.4 4.9 4.6 ## [457] 4.3 4.0 3.7 3.1 4.1 3.9 3.9 5.2 7.1 8.8 10.4 11.6 6.4 ## [469]12.3 12.5 11.9 10.3 9.2 8.4 8.0 7.4 6.9 6.5 6.2 ## 5.8 5.7 7.1 7.1 6.7 8.5 10.9 12.4 13.6 14.2 [481] 6.1 6.0 ## [493]14.8 14.6 14.0 12.0 10.9 10.1 9.4 8.7 8.1 7.6 7.1 6.8 ## [505] 7.0 7.1 7.2 7.4 6.6 7.1 6.6 9.6 12.2 13.9 14.9 15.6 10.4 ## [517] 15.7 15.4 14.4 12.3 10.8 10.1 10.0 9.9 10.0 10.0 10.1

##	[529]	10.2	10.4	10.4	10.4	9.9	10.6	10.9	12.6	14.1	13.6	11.0	9.4
##	[541]	9.4	9.1	8.8	7.3	7.0	6.6	5.8	5.2	4.8	4.2	3.6	3.4
##	[553]	3.1	2.8	2.8	2.8	3.3	3.3	3.5	4.0	4.8	5.4	5.9	6.5
##	[565]	6.2	6.1	5.8	5.4	4.9	4.6	4.2	3.8	3.5	3.2	2.9	2.7
##	[577]	2.5	2.4	2.0	2.1	-0.2	-0.2	0.5	3.0	4.9	5.9	6.4	6.7
##	[589]	6.8	6.8	6.3	5.3	4.0	3.8	3.6	3.4	3.0	2.6	2.1	1.6
##	[601]	1.1	0.5	0.3	0.3	0.1	-0.1	1.0	3.0	4.5	5.8	6.7	7.4
##	[613]	7.7	7.9	7.3	5.5	3.5	3.8	4.1	3.8	3.6	3.6	3.7	3.5
##	[625]	3.5	3.2	2.9	3.2	3.0	2.7	4.0	7.7	10.2	11.6	11.5	11.2
##	[637]	11.5	11.9	11.2	10.0	9.8	9.6	9.4	8.5	8.7	9.1	8.8	8.6
##	[649]	8.0	7.7	8.5	6.5	6.0	5.4	5.0	6.4	6.1	6.6	7.8	8.5
##	[661]	5.1	4.2	4.2	4.6	4.1		2.2	1.3	0.7	0.5	1.1	
##	[673]	-0.3					3.2	-1.8	-0.4	1.2	2.7	3.8	0.8
			-1.0	-1.4	-1.7	-2.0	-2.1						4.0
##	[685]	4.4	4.2	3.9	3.3	1.5	0.3	-0.5	-1.0	-1.3	-1.6	-1.7	-1.3
##	[697]	-1.1	-1.0	-0.9	-0.9	-1.8	-1.8	-0.4	2.3	3.8	4.6	5.6	6.2
##	[709]	6.5	6.5	6.2	4.4	1.5	1.0	0.6	0.1	0.6	0.7	0.8	0.9
##	[721]	1.0	1.0	1.0	0.9	-1.5	-1.3	-0.1	2.7	4.9	6.7	8.0	8.7
##	[733]	9.1	9.0	8.4	6.4	4.4	3.8	3.7	3.6	3.7	3.4	3.0	3.2
##	[745]	3.5	3.4	3.3	3.2	3.8	4.2	4.8	7.4	9.6	10.8	11.8	12.5
##	[757]	12.7	12.7	12.2	10.6	9.4	9.1	8.4	8.7	8.4	8.0	8.0	8.1
##	[769]	8.2	8.2	8.0	7.7	5.3	5.7	6.5	8.9	12.0	13.7	14.7	15.1
##	[781]	15.3	15.2	14.6	13.1	10.7	9.7	9.0	8.6	8.4	8.6	8.4	8.3
##	[793]	8.0	7.8	7.6	7.4	9.1	8.8	9.4	12.1	14.1	15.3	15.9	16.2
##	[805]	16.1	15.8	15.4	14.4	12.1	11.7	11.2	10.9	10.3	9.4	8.7	8.2
##	[817]	7.6	7.4	7.4	7.3	6.7	6.4	7.8	10.4	12.9	14.5	15.7	16.4
##	[829]	16.8	16.8	16.0	14.3	12.3	10.9	10.0	9.2	8.9	8.6	8.2	8.1
##	[841]	8.2	8.0	7.8	7.5	6.5	6.3	7.0	9.6	12.6	14.0	15.1	15.6
##	[853]	15.8	15.6	15.1	13.8	11.7	10.7	9.5	9.0	8.6	8.5	8.3	8.0
##	[865]	7.8	7.3	6.9	6.0	4.6	4.7	5.9	8.6	10.1	11.2	11.8	12.1
##	[877]	12.2	12.1	11.5	10.3	8.2	7.6	7.0	6.7	6.2	5.6	5.1	4.7
##	[889]	4.4	4.1	3.8	3.9	2.4	2.5	3.7	5.4	6.7	8.0	9.1	9.8
##	[901]	10.1	10.1	10.0	9.1	7.5	6.6	6.1	5.7	4.9	4.4	4.5	4.3
##	[913]	3.9	3.6	3.3	3.0	3.7	3.5	3.6	4.8	5.8	6.6	7.2	7.6
##	[925]	7.8	7.5	6.9	6.0	5.3	4.7	4.0	3.5	3.3	3.1	2.8	2.7
##	[937]	2.7	2.5	2.2	1.8	2.1	1.5	1.7	2.8	4.4	5.4	5.9	6.5
##	[949]	6.6	6.5	6.2	5.4	4.1	3.6	3.0	2.8	2.6	2.6	2.7	2.6
##	[961]	2.4	2.0	1.6	1.0	2.8	2.7	2.9	3.8	4.6	5.3	5.9	6.3
##	[973]	6.3	5.8	5.3	4.5	3.7	3.2	2.8	2.6	2.5	2.7	2.5	2.4
##	[985]	2.9	3.2	2.7	2.0	4.6	4.1	4.4	4.7	5.2	5.8	6.1	6.3
##	[997]	6.5	6.5	5.9	5.0	3.8	2.7	2.2	2.1	1.8	1.7	1.0	0.4
##	[1009]	0.1	0.1	0.1	0.4	-1.7	-2.0	-1.2	0.1	1.9	4.2	5.2	5.9
##	[1021]	5.9	5.7	5.4	4.6	3.6	3.0	1.3	0.9	0.5	0.4	0.3	0.1
##	[1033]	-0.3	-0.8	-1.0	-1.0	-2.5	-2.9	-1.8	0.2	1.9	3.3	4.5	4.6
##	[1045]	5.0	5.1	4.9	4.2	2.7	1.4	0.6	-0.2	-1.2	-1.6	-1.8	-1.7
##	[1057]	-1.9	-2.2	-2.4	-2.5	-3.1	-3.0	-0.6	1.8	3.8	5.2	6.2	6.9
##	[1069]	7.5	7.6	7.3	6.3	4.2	3.2	2.5	2.4	2.0	2.1	2.3	2.3
##	[1081]	2.5	2.2	1.9	1.6	1.5	1.8	3.7	6.5	8.7	9.8	10.6	11.0
##	[1093]	11.1	10.7	10.2	9.2	7.1	6.4	6.2	6.8	7.0	6.1	4.6	3.7
##	[1105]	2.8	3.2	3.1	2.6	1.0	0.8	1.2	-0.5	-0.9	-0.9	-1.4	-1.6
##	[1117]	-1.1	-1.4	-1.6	-2.0	-2.0	-1.8	-1.5	-1.6	-1.8	-2.2		-2.5
##	[1129]	-3.0	-3.7	-4.1	-4.2	-4.2	-4.4	-3.9		-2.6	-1.6		-0.2
##	[1141]	1.0	0.7	0.1	-1.1	-2.5	-2.8	-3.5		-4.5	-4.9		-5.1
##	[1153]	-5.3	-5.4	-5.5	-5.6	-6.0	-6.6			-2.4	-1.1		0.6
##	[1165]	1.0	1.0	0.8	0.2	-1.5	-2.4		-2.7	-2.9	-3.0	-3.2	-3.4

```
-3.3 -3.0 -3.0 -2.8
    [1177]
            -3.5
                                          -3.0
                                                  0.2
                                                        3.3
                                                              5.5
                                                                    6.7
                                                                           8.0
                                                                                 8.9
                                            3.8
##
    「1189]
             9.4
                   9.3
                         8.5
                               7.6
                                      5.2
                                                  3.4
                                                        3.1
                                                              2.9
                                                                    2.6
                                                                           2.5
                                                                                 2.7
##
    [1201]
             3.2
                   3.0
                         3.3
                               3.7
                                     4.0
                                            3.3
                                                  5.3
                                                        8.5
                                                             10.5
                                                                   12.2
                                                                         13.2
    [1213]
                  14.2
            14.4
                        13.6
                              12.6
                                    10.2
                                            8.4
                                                  7.4
                                                        6.7
                                                              6.3
                                                                    6.1
                                                                          5.8
                                                                                 5.5
##
##
    [1225]
             5.5
                   5.6
                         5.7
                               6.2
                                     7.4
                                            7.7
                                                  9.5
                                                       11.6
                                                             12.8
                                                                   13.6
                                                                         15.6
                                                                                15.8
    [1237]
            16.0
                  15.7
                        15.1
                              13.9
                                    11.4
                                           10.0
                                                  9.3
                                                        8.6
                                                              8.2
                                                                    9.7
                                                                          9.5
                                                                                 9.0
##
    Γ12497
                               8.6
                                     8.6
                                            8.6
                                                 10.1
                                                       12.6
                                                             14.4
                                                                   15.5
                                                                         16.1
             8.6
                   8.6
                         8.5
    [1261]
                  16.2
                              14.2
                                    11.4
                                                  9.5
                                                        9.1
##
            16.6
                        15.4
                                           10.3
                                                              8.6
                                                                    8.3
                                                                          8.3
                                                                                 8.3
                                                       11.3
##
    Γ12737
             8.0
                   7.8
                         7.6
                               7.4
                                      6.6
                                            5.9
                                                  7.5
                                                             13.6
                                                                   15.3
                                                                         16.4
                                                                               16.8
##
                                                             10.0
                                                                          9.6
                                                                                 9.4
    [1285]
            16.7
                  16.3
                        15.5
                              14.1
                                    10.8
                                            9.4
                                                  9.6
                                                        9.9
                                                                    9.9
    [1297]
             9.0
                   8.8
                         8.2
                               7.0
                                      8.4
                                            8.6
                                                  9.7
                                                       10.5
                                                             11.1
                                                                   11.9
                                                                         12.5
                                                                               12.8
    [1309]
            13.0
                  12.9
                        12.5
                              11.7
                                      8.8
                                            7.7
                                                  6.9
                                                        6.7
                                                              6.0
                                                                    5.4
                                                                          4.9
                                                                                 4.5
##
##
    [1321]
             4.2
                   3.8
                         3.6
                               3.2
                                      2.2
                                            2.3
                                                  5.3
                                                        8.2
                                                             10.3
                                                                   11.7
                                                                         12.8
                                                                                13.5
    [1333]
            13.9
                  13.8
                        13.5
                              12.5
                                      9.7
                                                        7.4
                                                              7.2
##
                                            8.1
                                                  7.6
                                                                    7.2
                                                                          7.1
                                                                                 7.0
##
    [1345]
             6.6
                   6.4
                         6.2
                               6.2
                                      6.6
                                            6.3
                                                  8.5
                                                       11.8
                                                             14.4
                                                                   16.2
                                                                         17.6
                                                                               18.5
##
    [1357]
            19.1
                  19.3
                        18.8
                              17.3
                                    13.8
                                           11.1
                                                  9.9
                                                        9.6
                                                              9.2
                                                                    8.7
                                                                          8.5
                                                                                 8.6
##
    [1369]
            8.4
                   8.2
                         8.4
                               8.3
                                     8.5
                                            8.8
                                                10.6
                                                       13.9
                                                             16.5
                                                                   18.6
                                                                         19.9
                                                                                20.6
##
    [1381]
            20.7
                  19.7
                        18.7
                              17.1
                                    14.6
                                          13.2
                                                13.7
                                                       13.6
                                                             13.3
                                                                   12.7
                                                                         12.3
    [1393]
                        10.8
                              10.3
                                    11.6
                                          11.2
                                                12.5 14.4 15.9
                                                                   17.1 17.8 17.5
##
            11.9
                  11.6
##
    [1405]
            16.5
                  16.2
                        15.7
                              14.9
                                    13.8
                                          13.3
                                                13.1
                                                       13.0 12.9
                                                                   12.7
                                                                         12.5
                                                                               12.3
                                                11.0
##
    [1417]
            12.0
                  11.5
                        11.1
                              10.8
                                     9.9
                                            9.7
                                                       13.0 13.9
                                                                   15.4 16.1
                                                                               16.4
    [1429]
            16.1
                  16.2
                        16.5
                              15.8
                                    13.5
                                          12.4
                                                 11.7
                                                       10.8 10.2
                                                                    9.5
                                                                          9.3
                                                 10.8 13.4 14.9
    [1441]
            8.8
                   8.5
                         8.1
                               7.9
                                     8.5
                                           8.1
                                                                   16.0 16.5
                                                                              16.7
##
    「1453]
            16.7
                  16.5
                        15.9
                              14.6
                                    13.0
                                          12.5
                                                12.3
                                                       12.2 12.2
                                                                   12.1 11.9
                                                                                12.2
##
    [1465]
            12.2
                  12.3
                        12.0
                              11.9
                                    11.6
                                          11.6 12.9 13.6 14.8
                                                                   16.0 16.8 17.1
##
                        16.5
    [1477]
            17.2
                  17.2
                              14.8
                                    12.0
                                          10.3
                                                 9.9
                                                        9.9
                                                              9.6
                                                                    9.7
                                                                          9.8
                                                                               10.1
##
    [1489]
            10.3
                  10.0
                         9.4
                               9.2
                                     9.9
                                          10.0 12.6 15.1 16.7
                                                                   18.4 19.1
                                                                               19.1
    [1501]
            18.8
                  18.5
                        17.6
                              16.4
                                    13.8
                                          11.9
                                                10.9
                                                       10.2 10.0
                                                                    9.7
                                                                          9.5
##
                                                                                 9.5
                                          11.5 13.8 15.6 17.1 17.9 18.5 19.1
##
    [1513]
             8.8
                   8.7
                         8.7
                               8.7
                                    10.9
##
    [1525]
            19.7
                  19.4
                        18.7
                              17.3
                                    15.3
                                          13.9
                                                13.3 12.9 12.6 12.3
                                                                         12.2
                                                                               12.2
                                    13.8
##
    [1537]
            12.0
                  11.6
                        12.0
                              12.0
                                          14.0
                                                15.0
                                                       16.3
                                                             17.6
                                                                   18.4
                                                                         18.8
                                                                               19.2
##
    [1549]
            19.2
                  19.2
                        18.5
                              17.5
                                    15.7
                                          14.3 13.4
                                                       13.0
                                                             12.6
                                                                   12.3
                                                                         12.0
                                                                               11.7
                                                             16.5
##
    [1561]
            11.4
                  11.0
                        10.2
                              10.4
                                    10.4
                                          10.4
                                                12.8
                                                       15.0
                                                                   17.5
                                                                         18.4
                                                                               18.4
                        15.6
    [1573]
            17.8
                  16.7
                              13.6
                                    10.9
                                            9.2
                                                  8.6
                                                        8.5
                                                              8.2
                                                                    8.0
                                                                          7.8
                                                                                 7.5
##
##
    [1585]
            7.4
                   7.3
                         7.2
                               7.2
                                     7.9
                                            7.7
                                                  8.6
                                                        9.8
                                                             10.5
                                                                    9.9
                                                                         11.5
                                                                                13.1
##
    [1597]
            13.6
                  14.4
                        15.1
                              14.7
                                    12.8
                                          11.5
                                                10.5
                                                        9.9
                                                              9.6
                                                                   10.8 14.5
                                                                                13.7
##
    [1609]
            13.1
                  12.3
                        11.8
                              11.5
                                     9.2
                                            9.3
                                                 12.3
                                                       14.0
                                                             15.1
                                                                   16.1
                                                                         16.6
##
    [1621]
            16.8
                  16.3
                        15.6
                              14.5
                                    12.8
                                          10.8
                                                 10.0
                                                        9.6
                                                              9.2
                                                                    8.9
                                                                          8.6
                                                                                 7.9
##
    [1633]
            7.5
                   7.1
                         6.9
                               6.8
                                     7.2
                                            6.8
                                                 10.5
                                                       13.7
                                                             15.3
                                                                   16.4
                                                                         16.9
                                                                                17.0
##
    [1645]
            17.0
                  16.8
                        16.2
                              15.2
                                    12.8
                                          10.4
                                                  9.5
                                                        9.0
                                                              8.6
                                                                    8.4
                                                                          8.3
                                                                                 8.9
    [1657]
                   8.0
                         7.8
                                     7.8
                                            8.0
                                                11.0
                                                       13.7
                                                             13.8
                                                                   14.2 14.4
            8.8
                               7.4
##
    [1669]
            15.8
                  15.3
                        14.6
                              13.4
                                    11.5
                                            9.6
                                                 9.0
                                                        8.6
                                                              8.4
                                                                    8.0
                                                                          7.5
                                                                                 6.8
    Γ1681
                         7.7
                               7.7
                                      9.2
                                          10.1
                                                11.7
                                                       13.1
##
            7.1
                   7.3
                                                             14.4
                                                                   15.9 16.6
                                                                               16.7
##
            17.0
                  17.2
                        16.5
                              15.3
                                          12.9
                                                12.6 12.3 12.3
                                                                   12.2 12.0
    [1693]
                                    13.7
                                                                               11.9
    [1705]
                                    11.4
                                          12.0
                                                14.3 15.4 16.0 15.1
##
            11.9
                  11.8
                        11.8
                              11.7
                                                                         15.5
                        17.2
##
    [1717]
            17.1
                  16.7
                              16.5
                                    15.4
                                          12.3
                                                11.1
                                                       11.0
                                                             11.1
                                                                   10.8
                                                                          9.9
                                                                                 8.9
##
    [1729]
            9.2
                   8.9
                         8.9
                               8.8
                                     8.1
                                            8.0
                                                 11.1
                                                       14.0
                                                             15.9
                                                                   16.9 17.4
                                                                               18.0
    [1741]
                                                       10.4
                                                             10.3
                                                                    9.8
                                                                          9.6
                                                                                 8.3
##
            18.0
                  17.4
                        16.7
                              14.8
                                    13.6
                                          12.8
                                                  9.8
##
    [1753]
            7.2
                   7.3
                         7.1
                               6.7
                                     6.7
                                            7.5
                                                 10.5
                                                       11.3
                                                             11.8 12.4 13.1 13.8
                                                                          7.7
##
    [1765]
            14.0
                  14.3
                        14.1
                              13.3
                                    11.5
                                            9.1
                                                  8.7
                                                        8.5
                                                              8.0
                                                                    8.0
                                                                                 6.6
##
    [1777]
             6.2
                   5.6
                         5.4
                               5.2
                                     5.9
                                            7.5
                                                11.3
                                                       13.5
                                                             15.2 16.7
                                                                         17.6
                                                                               18.1
    [1789]
##
            18.1
                  17.8
                       17.3
                              16.3
                                    14.7
                                           13.4 12.6 11.8 11.7
                                                                   11.7
                                                                         12.3
##
    [1801]
            10.6
                  11.3
                        10.0
                               9.9
                                     9.7
                                          10.0
                                                13.1 15.4 17.0 18.1 18.9
                                                                               19.5
##
    [1813]
            19.5 19.0 18.2 17.0 15.4 13.7 12.8 12.3 11.6 11.2 11.6 10.9
```

```
10.6 10.7 10.8 11.0 12.3 13.1 13.9 14.5 15.1 16.0 17.1 18.8
   [1837]
           18.7
##
                 18.6
                      18.2 17.4
                                   15.9
                                        14.7
                                              14.3 13.9 13.7
                                                                13.7
                                                                      13.5
                 13.8
                                        13.9
                                              14.5
                                                                15.7
##
    [1849]
           14.0
                       13.5
                            13.0
                                   13.5
                                                    15.8
                                                          16.4
                                                                      16.0
                                   14.4
    [1861]
           17.5
                 16.9
                       16.6
                             15.9
                                        12.8 12.4
                                                    12.2
                                                          11.8
                                                                11.8 11.7
##
##
    [1873]
           11.1
                 11.0
                       10.8
                             10.7
                                   10.8
                                        11.9
                                               14.2
                                                    15.6
                                                          16.5
                                                                17.1
                                                                      16.8
                                                                            16.8
##
    [1885]
           16.6
                 17.0
                       18.5
                             16.9
                                   16.1
                                        14.6
                                              15.1
                                                     7.1
                                                           7.9
                                                                 7.6
                                                                       6.9
                                                                             6.7
    Γ1897]
                                    6.8
                                          7.8
                                                8.9
                                                    10.0
                                                          11.3
                                                                11.9
                                                                     10.6
            6.5
                  6.2
                        6.1
                              6.4
    [1909]
                  9.6
                        9.0
                                          8.7
                                                     7.7
                                                           7.4
                                                                 7.8
##
            9.4
                              8.9
                                    8.7
                                                8.8
                                                                       8.3
                                                                             8.7
                                   11.7
                                        13.0
##
    Γ1921
            8.7
                  8.8
                        9.2
                              9.7
                                              14.7
                                                    14.5
                                                          14.5
                                                                14.1
                                                                      13.5
                                                                            13.5
##
           13.6
                 13.6
                                        11.3 10.8
                                                     9.9
                                                           9.7
                                                                 9.3
                                                                       8.8
                                                                             8.9
    [1933]
                       14.2
                             14.1
                                   13.3
    [1945]
            8.8
                 10.0
                       10.5
                              9.7
                                    9.9
                                        10.0 13.2 14.5
                                                          15.6
                                                                16.4 16.7
                                                                            16.8
    [1957]
                 16.5
                       16.1
                             15.1
                                   13.5
                                        12.1
                                              11.7
                                                    11.5
                                                          11.8
                                                                12.7
                                                                      12.3
                                                                            11.2
##
           16.8
##
    [1969]
           10.8
                 11.3
                       11.8
                             11.2
                                   11.4
                                        12.6
                                              14.7
                                                    16.5
                                                          17.9
                                                                21.5
                                                                      22.2
                                                                            23.7
                                        16.9 15.1
    [1981]
           23.0
                       20.2
                             21.8
                                   19.3
                                                    14.0 13.2
                                                                13.0
##
                 21.1
                                                                     13.7
                                                                            13.4
##
    [1993]
           13.2
                 13.2
                       12.9
                             12.4
                                   13.0
                                        14.5 16.8 18.6 19.8
                                                                20.8
                                                                      21.6 22.0
##
    [2005]
           22.3
                 22.2
                       21.5
                            19.7
                                   18.0
                                        16.6 16.2
                                                    16.0 15.0 13.5
                                                                     11.1
                                                                            10.8
##
    [2017]
           10.5
                 10.3
                       10.1
                              9.7
                                   11.6
                                        12.3 11.9
                                                    11.4 11.7 11.5 11.5
                                                                            11.6
##
    [2029]
           11.7
                 13.7
                       13.4
                             12.5
                                   11.2
                                        10.6 11.0
                                                    10.5
                                                          10.1
                                                                 9.6
                                                                       9.9
    [2041]
           10.4
                  8.6
                        7.2
                              6.5
                                    8.9
                                        10.6
                                              10.5
                                                    11.0
                                                          12.7
                                                                12.0 14.0
                                                                           14.3
##
##
    [2053]
           14.2
                 13.9
                       13.4
                             12.6
                                   11.2
                                          9.1
                                                8.7
                                                     8.4
                                                           8.2
                                                                 7.3
                                                                       6.4
                                                                             6.1
##
    [2065]
            5.4
                  4.7
                        4.9
                              4.7
                                    3.1
                                          5.7
                                                9.4
                                                    12.4
                                                          14.2
                                                                15.2
                                                                      15.8
                                                                            16.1
##
    [2077]
           16.1
                 15.8
                       15.2
                             14.3
                                   12.9
                                        11.6
                                              10.8
                                                     9.9
                                                           9.4
                                                                 8.1
                                                                       7.0
                                                    12.3
##
    [2089]
            5.9
                  5.5
                        5.6
                              5.5
                                    5.3
                                          7.8
                                               10.4
                                                          13.5
                                                                14.8
                                                                      15.8
                                                                           16.3
    [2101]
           16.3
                 16.0
                       15.2
                             13.6
                                   12.4
                                        11.3
                                                9.4
                                                     8.4
                                                           7.8
                                                                 7.5
                                                                       7.2
                                                                             7.2
##
   [2113]
            6.8
                  6.4
                              5.9
                                                    10.0
                                                          11.8
                                                                13.2 14.4
                                                                           14.6
##
                        6.1
                                    5.0
                                          6.3
                                               8.2
                 13.9
    [2125]
           14.2
                       13.4
                             12.3
                                   10.8
                                          8.9
                                                8.2
                                                     7.8
                                                           7.0
                                                                 6.0
                                                                       5.2
                                                                             4.4
##
    [2137]
            3.6
                  3.0
                        2.7
                              2.4
                                    4.2
                                          7.2
                                                8.8
                                                     9.6
                                                          11.1
                                                                12.6
                                                                     13.7
                                                                            14.6
    [2149]
           14.3
                 14.4
                             12.5
                                   11.7
                                         10.5
                                                9.7
                                                     9.8
                                                           7.8
                                                                 6.5
##
                       13.4
                                                                       6.4
                                                                             6.1
##
    [2161]
            5.4
                  5.5
                        5.8
                              5.8
                                    5.4
                                          7.3
                                              10.2
                                                    12.3
                                                         13.7
                                                                14.8
                                                                      15.5
                                                                            16.1
##
    [2173]
           16.4
                 16.5
                       16.1
                             14.8
                                   13.3
                                        11.6
                                              10.8
                                                    10.0
                                                          10.0
                                                                 9.7
                                                                       9.1
                                                                             8.1
##
    [2185]
            7.8
                  6.1
                        5.5
                              5.2
                                    5.3
                                          7.5
                                               9.3
                                                    11.2
                                                          12.7
                                                                13.8
                                                                      14.9
                                                                            14.4
##
    [2197]
           14.8
                 15.2
                       16.0
                             14.9
                                   13.4
                                        11.0 10.3
                                                    10.4 10.1
                                                                 9.4
                                                                       9.0
                                                                             8.6
    [2209]
                                         8.9 12.3 15.1 16.5 17.5 18.4
##
            8.1
                  7.8
                        7.7
                              7.6
                                    6.8
                                                                           18.1
           17.9
    [2221]
                 17.4
                       16.1
                             15.2
                                   14.2
                                        11.2 10.5 10.1 10.7 10.6 11.2 10.4
##
##
    [2233]
            9.8
                  9.3
                        9.9
                              9.2
                                   7.1
                                        10.3
                                              12.0
                                                    13.4 14.3 15.4
                                                                     16.3
                                                                            15.4
##
    [2245]
           14.6
                 15.2
                      14.4
                             14.1
                                   13.2
                                        12.3 12.0 11.7 11.2 10.8 10.8 10.4
##
    [2257]
           10.2
                 10.1
                        9.6
                              9.8
                                    9.1
                                        10.4 10.8 10.6 11.0 11.3 12.2 12.2
##
    [2269]
           12.5
                 12.1
                      13.3 12.5
                                   12.1
                                        11.8 11.6 11.3 11.0 10.8 10.6
                                                                           10.3
##
    [2281]
           10.4
                 10.3
                       10.1
                              9.2
                                    8.7
                                        10.2
                                              13.1
                                                    14.2 15.1 15.3 15.6
                                                                            15.8
##
    [2293]
           15.6
                 15.8 15.8
                            15.5
                                   14.5
                                        13.9 13.7 13.6 13.4 12.8 12.7
                                                                           12.6
    [2305]
                 12.6
                       12.5
                             12.4
                                   10.6
                                        12.7 13.4 14.7 13.4 11.0 12.1
           12.6
##
    [2317]
           11.9
                 11.4
                      11.4
                            11.4
                                  11.2 10.9 11.2 11.3 11.9 12.1 10.4
                                                                           10.1
                              9.7
                                   10.1
                                        12.2 14.0 15.0 15.7
##
    [2329]
           10.5
                 10.7
                       10.3
                                                                16.5 17.2 17.3
##
    [2341]
                 17.2
                             15.4
                                              11.4 11.0 10.7
                                                                       9.8
           17.3
                       16.6
                                   13.9
                                        12.1
                                                               10.3
                                                                             9.6
    [2353]
                                    9.9
                                        12.3 15.0 17.0 18.5 19.9 21.0 21.2
            9.3
                  8.9
                        8.7
                              8.4
    [2365]
                                   16.5
                                        12.9
                                              12.3 12.4 12.5 12.4 11.8
                                                                           12.1
##
           20.8
                 20.4
                       19.8
                             18.2
##
    [2377]
           11.9
                 12.4
                       12.4
                             11.8
                                   11.4
                                        12.2 12.0 11.5 11.9 12.5
                                                                      14.4
                                                                            16.1
##
    [2389]
                       18.0
                                        14.6 14.0 13.5 12.4 11.8 11.6 12.6
           14.7
                 16.0
                             16.9
                                   16.5
    [2401]
           11.8
                 12.0
                       12.0
                             11.7
                                   12.0
                                        13.4 15.6 16.7 17.2 18.3 18.8 19.9
                                   17.0
##
    [2413]
           20.0
                 19.8
                       19.2
                             18.4
                                        15.1
                                              14.3
                                                    13.5 13.3 13.3
                                                                     13.3 13.2
                       13.0
##
    [2425]
           13.2
                 13.1
                             12.8
                                   13.3
                                        15.2 17.0 18.7
                                                          20.1 21.2 22.0 22.5
                                  21.1 18.8 17.5 16.6 16.6 16.4 16.4 16.1
##
    [2437]
           22.9
                 22.7
                       22.3
                            21.8
##
    [2449]
           15.5
                 14.9 13.3 12.7
                                  15.1 17.0 19.0 20.8 22.3 24.1 25.3 26.0
           26.2 26.4 26.2 25.2 23.5 20.7 18.6 18.0 17.6 17.7 18.1 18.0
##
    [2461]
```

```
17.3 17.7 17.4 16.2 17.3 19.4 21.3 22.8 23.4 23.3 23.8 23.0
##
    [2485]
           23.7
                 23.1
                       22.6
                            21.7
                                   20.8
                                        18.7
                                              18.2 18.1 18.1 18.6 18.1
                                   18.4
                                                                      25.5
##
    [2497]
           16.9
                 16.8
                       15.8
                            15.5
                                        18.4 19.1 22.4 23.4 23.9
                                        18.4 17.1 16.0 15.3
##
    [2509]
           26.1
                 26.0
                       25.5
                             23.4
                                   20.7
                                                                14.3 12.9
##
    [2521]
           14.9
                 15.3
                       14.5
                             13.5
                                   13.6
                                        17.1
                                              18.3
                                                    19.1 19.6
                                                                19.7
                                                                      19.8
##
    [2533]
           19.3
                 18.7
                       18.0
                            17.1
                                   15.8
                                        13.6 13.2 13.1 13.2 13.5 12.9
                       10.5
                            10.3
                                  10.9
                                        13.7 14.7
                                                    15.4 15.9 16.2 16.4
    [2545]
           11.5
                 11.0
    [2557]
                 17.2
                       17.0
                             16.2
                                  14.9
                                        12.4 11.6 11.2 11.1 11.0 10.6
##
           17.1
                                                                           10.3
##
    [2569]
            9.9
                  9.2
                        8.6
                              8.7
                                   10.0
                                        13.5
                                              16.1
                                                    17.4
                                                          18.7
                                                                19.6 19.9
##
    [2581]
           19.4
                                        13.4 12.2
                                                          12.4
                                                               11.4 11.5
                                                                           10.8
                 19.3
                       19.0
                             18.0
                                   16.3
                                                    12.7
    [2593]
           10.6
                 10.8
                        9.9
                              9.8
                                   11.1
                                        13.5
                                              14.2
                                                    16.4
                                                          18.4
                                                                18.4 17.2
                                                                            13.7
    [2605]
           20.7
                 21.4
                       21.2
                             20.5
                                   18.5
                                        15.5
                                              13.7
                                                    12.8
                                                          12.3
                                                                13.8 13.8
##
##
    [2617]
           13.8
                 13.6
                       13.3
                             13.3
                                   12.3
                                        14.8 17.4
                                                    19.2
                                                          20.8
                                                                21.8
                                                                      22.2
                                                                            22.9
    [2629]
                 22.0
                       21.5
                             20.9
                                                                     14.6
##
           21.9
                                   19.7
                                        17.0
                                              16.1
                                                    15.6
                                                          16.0
                                                                15.4
           15.0
##
    [2641]
                 14.3
                       14.6
                             13.9
                                   14.1
                                        17.9
                                              21.6
                                                    24.2
                                                          25.8
                                                                27.0
                                                                      27.5 27.1
##
    [2653]
           27.2
                 27.2
                       26.0
                             24.0
                                   22.1
                                        18.4
                                              17.4
                                                    17.1
                                                          15.7
                                                                14.8
                                                                     14.4
                                                                            14.4
##
    [2665]
           13.9
                 13.4
                             13.6
                                   14.4
                                        17.3 19.9
                                                    21.9
                                                          23.4
                                                                25.2
                                                                      26.6
                                                                            27.2
                       13.4
##
    [2677]
           27.0
                 26.3
                       25.6
                             24.5
                                   22.6
                                        19.9
                                              18.5 18.0
                                                          17.9
                                                                17.2
                                                                     16.4
    [2689]
           17.8
                 18.2
                       17.2
                             17.4
                                   18.2
                                        22.0 23.7
                                                    25.0 26.4
                                                                27.6
                                                                      28.0 27.7
##
##
    [2701]
           27.8
                 26.5
                       22.6
                             22.6
                                   20.9
                                        18.8
                                              17.7
                                                    17.3 16.6
                                                                15.6 15.1
##
    [2713]
           13.0
                 12.2
                       11.8
                            11.8
                                   13.6
                                        16.5
                                              18.2 19.4
                                                          20.3
                                                               21.3
                                                                      22.2 22.6
##
    [2725]
           22.3
                 21.8
                       21.1
                             19.8
                                   18.0
                                        14.5
                                              12.2 11.3 10.9
                                                                10.8
                                                                     10.8
                 12.0
                                              18.0 19.1 20.0
##
    [2737]
           11.9
                       12.0
                            12.1
                                   12.4
                                        15.7
                                                                20.9
                                                                      20.9
                                                                           19.8
    [2749]
           19.5
                 18.9
                       18.1
                             17.0
                                   15.3
                                        13.1
                                              11.9
                                                    11.0
                                                          10.7
                                                                 9.6
                                                                       8.9
##
    [2761]
            8.0
                                        10.9 12.2 13.9
                                                          15.2
                                                                16.4 17.1
                                                                           17.6
##
                  7.9
                        7.9
                              7.9
                                   10.0
                                                    10.3
    [2773]
           17.0
                 16.4
                       16.4
                             16.0
                                   15.0
                                        13.1
                                              11.5
                                                           9.2
                                                                 7.9
                                                                       6.9
                                                                             7.5
##
    [2785]
            8.3
                  8.5
                        8.3
                              8.0
                                   8.1
                                         8.9
                                               9.4
                                                     9.9
                                                          10.7
                                                                12.2
                                                                     13.7
                                                                            13.9
    [2797]
                 13.5
                                  11.7
                                        10.7
                                              10.4
                                                    10.2
                                                                 9.9
                                                                       9.7
##
           13.4
                       13.4
                             12.8
                                                           9.9
                                                                             9.4
    [2809]
                                                                           16.5
##
            9.2
                  9.0
                        8.7
                              8.7
                                    9.8
                                        10.0 10.9
                                                    11.8 13.3
                                                               14.9
                                                                      16.0
##
    [2821]
           16.0
                 15.5
                       15.1
                             15.0
                                   14.8
                                        13.4 12.6 12.8
                                                          12.0
                                                                11.6
                                                                       9.1
                                                                            10.2
##
    [2833]
            9.8
                  9.6
                        9.3
                              9.2
                                    9.4
                                        11.0
                                              12.3
                                                    12.9
                                                          14.2
                                                                14.7
                                                                      15.8
                                                                           16.4
##
    [2845]
           16.9
                 17.9
                       17.5
                             16.5
                                   14.8
                                        13.2 12.0 12.3 10.6
                                                               10.8
                                                                      10.6
                                                                             9.9
##
    [2857]
            9.6
                  9.6
                        9.8
                              9.9
                                   11.0
                                        14.3 16.9 15.2 14.8
                                                                14.8
                                                                      15.1
    [2869]
           18.6
                 18.9
                       18.5
                            17.8
                                   16.7
                                        14.1 12.1 11.5 11.0 10.7
                                                                      10.6
                                                                           10.9
##
##
    [2881]
           10.9
                 10.8
                       10.9
                             11.4
                                   12.5
                                        14.6
                                              16.1
                                                    18.1 19.9
                                                                21.0
                                                                      21.9
                                                                            22.0
##
    [2893]
           21.7
                 21.2
                       20.6
                            19.7
                                   18.6
                                        15.6 14.4 13.6 12.9 12.5 12.3
                                                                           11.9
##
    [2905]
           11.6
                 11.5
                       11.3
                            11.4
                                  11.9
                                        14.4 17.2 19.5 21.0 21.7 22.0 22.2
##
    [2917]
           22.0
                 21.5
                       20.8
                            19.8
                                  18.4
                                        15.4
                                              13.5
                                                    13.5 13.1
                                                               12.8 12.6
                                                                           12.4
##
    [2929]
           12.2
                 12.0
                       12.0
                             11.8
                                   12.8
                                        15.9
                                              18.8
                                                    20.8
                                                          22.2
                                                                23.0
                                                                      22.4
                                                                           23.0
##
    [2941]
           23.1
                 22.9
                       22.5
                            21.7
                                   20.5
                                        17.7
                                              15.8 15.3 14.8 14.5 14.6
                                                                           13.8
    [2953]
                       13.1
                             13.0
                                  13.1
                                        15.9
                                              17.3 18.8 20.2 19.9
           13.0
                 13.1
                                                                      22.3
##
    [2965]
           23.1
                 21.1
                       21.5
                             19.7
                                   18.1
                                        15.8 14.1 15.0 14.9 13.9 13.4
                                                                           13.2
                              9.5
                                   12.4
                                        13.9
                                              14.4 14.8 15.0
##
    [2977]
           11.2
                  9.4
                        9.0
                                                               16.6
                                                                     18.2
                                                                            18.5
##
    [2989]
                 17.8
                                   16.4
                                        14.2 11.4
           19.2
                       18.1
                             17.1
                                                    10.1 12.5
                                                               12.3
                                                                     10.7
                                                                             9.9
    [3001]
                                        11.8 13.5 14.2 16.7
            9.8
                 11.2
                        9.7
                              9.7
                                   11.7
                                                                18.7
                                                                      17.6
                 17.5
                                                    12.8
##
    [3013]
           17.7
                       18.1
                             16.6
                                   14.8
                                        12.8
                                              13.0
                                                          11.0
                                                               10.3
                                                                       9.7
                                                                             8.9
##
    [3025]
            8.0
                  7.6
                        7.0
                              6.5
                                   8.1
                                        10.6 12.7
                                                    14.3
                                                          15.4
                                                                16.2 17.4
                                                                            17.9
##
    [3037]
                 18.1
                                        13.5 11.7
                                                    10.5 11.5 11.5
                                                                     11.3
                                                                           11.2
           18.1
                       17.8
                             17.0
                                   15.9
##
    [3049]
           11.0
                 10.6
                       10.5
                             10.6
                                   9.4
                                        11.5 13.4 15.0 16.0 16.5 16.6 16.8
                             17.9
##
    [3061]
           18.5
                 18.6
                       18.4
                                   17.1
                                        15.4 12.6 12.1 11.8 11.5
                                                                     11.2
                                                                           10.9
##
    [3073]
           10.5
                  9.9
                        9.3
                              8.8
                                   10.1
                                        13.3 14.8 16.1 17.2 18.2 19.0 19.4
                                   17.6
                                       14.9 13.1 11.7 10.7 11.2 11.0 10.9
##
    [3085]
           19.9
                 19.9
                       19.6
                             18.8
##
    [3097]
            9.5
                  8.7
                        8.1
                              7.6
                                  11.1 14.4 16.8 19.0 18.6 20.9 21.5 21.2
    [3109]
                                  18.6 17.6 16.0 14.1 13.6 13.5 13.1 12.7
##
           21.1
                 20.8 20.5 19.9
```

```
10.6
                  9.7 10.1 10.3 10.8 13.4 14.9 16.2 17.2 17.9 18.4
##
    [3133]
           18.8
                 18.8
                       18.3
                             17.5
                                   16.3
                                         14.1 12.1 11.0 10.3
                                                                  9.8
                                                                        9.0
##
    [3145]
            8.2
                  7.9
                        7.8
                              8.2
                                    9.3
                                         12.3 14.2 15.7 17.0 17.8 18.5
                                         14.5 12.5 11.4 10.5
                                                                 10.0
    [3157]
           19.0
                 18.9
                       18.3
                             17.4
                                   16.3
                                                                        9.4
                                                                              9.1
##
##
    [3169]
            8.9
                  9.0
                        9.9
                              9.6
                                    9.9
                                         11.7
                                               13.1
                                                     14.8
                                                           15.9
                                                                 17.1
                                                                       18.1
                                                                             18.8
    [3181]
           19.2
                 19.5
                       19.6
                             19.1
                                   18.0
                                         15.1 12.1 11.2 10.5
                                                                  9.6
                                                                        9.4
                                                                              9.3
##
    [3193]
            9.3
                        9.1
                              9.0
                                   11.0
                                         14.6 17.3 18.9
                                                           20.4 21.3 21.9
                  9.1
    [3205]
           22.5
                 22.5
                       22.3
                                   20.5
                                         16.7
                                               13.3 12.4 11.5
                                                                 11.2 10.9
##
                             21.8
                                                                            10.5
                                               17.5
##
    [3217]
            9.9
                  9.3
                        9.3
                              9.5
                                    8.6
                                         14.0
                                                     19.2
                                                           20.2
                                                                 20.6
                                                                       20.8
##
           23.5
                 23.5
                                         20.1
                                               18.8 17.3
                                                           15.9
                                                                 15.0 14.3
    [3229]
                       22.5
                             22.4
                                   21.6
                                                                             13.8
    [3241]
           13.3
                 13.0
                       12.6
                             12.7
                                   11.3
                                         14.3
                                               16.5 18.2 19.6
                                                                 20.5
                                                                       21.3
                                   20.7
    [3253]
           22.5
                 22.5
                       22.2
                             21.6
                                         17.7
                                               15.1
                                                     14.1
                                                           12.8
                                                                 12.3
                                                                      12.0
                                                                             11.8
##
##
    [3265]
           11.3
                 11.1
                       10.9
                             10.3
                                   12.9
                                         16.4
                                               19.0
                                                     20.8
                                                           22.2
                                                                 23.2
                                                                       23.9
                                                                             24.4
    [3277]
                 24.6
                       24.5
                             24.1
                                   22.7
                                         19.5
                                                           14.8
                                                                      13.9
                                                                             13.4
##
           24.6
                                               17.0
                                                     15.4
                                                                 14.4
##
    [3289]
           13.2
                 13.1
                       13.2
                             13.3
                                   16.0
                                         19.2
                                               21.9
                                                     23.8
                                                           25.1
                                                                 26.0
                                                                       26.8
                                                                             27.4
##
    [3301]
           27.7
                 27.6
                       27.2
                             26.5
                                   25.3
                                         22.4
                                               20.2
                                                     18.8
                                                           17.5
                                                                 16.8
                                                                       16.3
                                                                             16.1
##
    [3313]
           16.0
                 15.7
                             14.9
                                   17.8
                                         20.9 23.5
                                                     25.6
                                                           27.0
                                                                 28.0
                                                                       28.8
                                                                             29.3
                       15.2
##
    [3325]
           29.3
                 29.0
                       28.4
                             27.4
                                   26.0
                                         22.6 19.1
                                                     17.8
                                                           17.8
                                                                 17.9
                                                                      18.0
    [3337]
                 16.9
                       16.5
                             16.2
                                   16.2
                                        20.0
                                              22.8
                                                     24.9
                                                           26.4
                                                                 27.6
                                                                       28.5
                                                                            28.9
##
           17.4
##
    [3349]
           29.1
                 28.8
                       28.3
                             27.5
                                   26.2
                                         23.5
                                               21.2
                                                     20.2
                                                           19.4
                                                                 19.1
                                                                       18.9
                                                                             18.7
##
    [3361]
           18.1
                 17.6
                       17.2
                             16.9
                                   19.7
                                         22.0
                                              23.2
                                                     24.9
                                                           27.0
                                                                 28.5
                                                                       29.7
                                                                             30.2
##
    [3373]
           30.5
                 30.2
                       29.7
                             29.0
                                   27.6
                                        24.4
                                              22.7
                                                     22.3
                                                           21.9
                                                                 20.8
                                                                       21.3
                                                     27.4
                                                           28.7
##
    [3385]
           20.4
                 20.4
                       19.8
                             19.6
                                   18.8
                                         22.2
                                               25.1
                                                                 29.6 30.5
                                                                             30.9
    [3397]
           30.5
                 28.9
                       27.9
                             26.3
                                   24.5
                                         21.9
                                               18.3
                                                     17.3
                                                           17.5
                                                                 17.1
                                                                       16.8
##
                                         20.9
                                              22.8
                                                     24.2
                                                           24.9
                                                                 24.6
                                                                      25.0
                                                                             24.9
##
    [3409]
           15.7
                 16.0
                       15.7
                             15.4
                                   17.9
    [3421]
           24.5
                 23.9
                       23.2
                             22.2
                                   21.1
                                         19.3
                                               16.6 15.5
                                                           14.6
                                                                 14.6 14.8
##
    [3433]
           14.9
                 14.8
                       14.8
                             15.0
                                   14.8
                                         17.8
                                               20.9
                                                     23.0
                                                           24.3
                                                                 25.3
                                                                       26.0
                                                                             26.3
                                   22.8
                                         20.2
                                               17.1
##
    [3445]
           25.3
                 25.9
                       25.3
                             24.3
                                                     16.0
                                                           15.3
                                                                 14.8
                                                                       14.4
                                                                            14.0
                                                                 25.2 26.1
##
    [3457]
           13.7
                 13.4
                       13.4
                             13.5
                                   14.5
                                         16.9
                                               20.1
                                                     22.4
                                                           24.0
                                                                             26.3
##
    [3469]
           27.3
                 27.1
                       26.4
                             25.3
                                   23.7
                                         20.8
                                               17.9
                                                     16.6
                                                           15.7
                                                                 15.4
                                                                       15.2
                                                                             14.8
##
    [3481]
           14.6
                 14.3
                       14.2
                             13.9
                                   15.9
                                         19.5
                                               22.4
                                                     24.0
                                                           23.6
                                                                 24.6
                                                                       26.2
                                                                             25.2
##
    [3493]
           25.8
                 26.0
                       26.7
                             26.2
                                   25.2
                                         22.7
                                               20.5
                                                     19.4
                                                           18.6
                                                                 18.1
                                                                       17.6
                                                                             17.1
                                              24.8
                                                     26.7
##
    [3505]
           16.7
                 16.3
                       16.0
                             15.7
                                   19.0
                                         21.9
                                                           27.9
                                                                 28.7
                                                                       29.1
                                                                             29.2
    [3517]
           29.2
                 29.1
                       27.7
                             26.9
                                   25.7
                                         23.5 21.3
                                                     20.0 18.7
                                                                 17.7 16.7
##
                                                                             15.7
                                                                       27.3
##
    [3529]
           15.0
                 14.3
                       14.1
                             13.9
                                   15.3
                                         17.9
                                               21.2
                                                     23.8
                                                           25.3
                                                                 26.4
                                                                             27.8
                                                                            17.6
##
    [3541]
           28.5
                 28.5
                       28.2
                             27.8
                                   27.0
                                         25.2 23.1
                                                     21.4
                                                           20.2
                                                                 19.2 18.3
##
    [3553]
           17.1
                 16.6
                       16.2
                             15.9
                                   20.4
                                         23.4 25.7
                                                     27.5 28.8 29.6 30.3
                                                                            30.5
##
    [3565]
           30.3
                 29.9
                       29.1
                             28.2
                                   26.8
                                         24.5
                                               21.2 19.9 19.2 19.3 19.1
                                                                             19.1
##
    [3577]
           18.9
                 18.8
                       18.5
                             18.8
                                   19.8
                                         19.2
                                               19.8
                                                     20.3
                                                           21.0 21.9
                                                                       22.3
                                                                             22.4
##
    [3589]
           22.5
                 22.3
                       21.8
                             20.9
                                   19.5
                                         17.5
                                               15.8 15.2 14.8 14.4 14.1
                                                                            13.9
    [3601]
                       13.2
                             13.0
                                   14.2
                                         16.0
                                               17.7
                                                     18.9
                                                           20.0
                                                                 21.0
           13.7
                 13.3
                                                                       21.8
##
    [3613]
           23.1
                 23.2
                       23.0
                             22.4
                                   21.4
                                         19.2
                                               17.0 16.0 15.2 14.6 14.0
                                                                            13.4
                             12.6
                                   15.8
                                         18.5
                                               20.9
##
    [3625]
           13.1
                 12.7
                       12.6
                                                     22.9
                                                           24.4
                                                                 25.5
                                                                       26.7
##
                             26.6
                                         22.8
                                              19.2 17.8 16.9
                                                                      15.8
    [3637]
           27.9
                 27.8
                       27.4
                                   25.2
                                                                 16.3
                                                                            15.2
                                   18.2
                                         20.6
                                               22.4
                                                     24.2
                                                           25.7
                                                                 26.8
##
    [3649]
           14.8
                 14.3
                       14.1
                             14.2
                                                                       27.8
                                               20.0
                                                           17.9
                                                                             16.3
##
    [3661]
           28.8
                 28.7
                       28.6
                             27.9
                                   26.4
                                         23.6
                                                     18.9
                                                                 17.3
                                                                      17.1
##
    [3673]
           15.9
                 15.1
                       14.7
                             14.8
                                   16.7
                                         18.5
                                               19.7
                                                     20.7
                                                           21.7
                                                                 22.7
                                                                       23.6
                                                                             24.2
##
    [3685]
                       23.3
                             22.2
                                   20.9
                                         19.1
                                               17.3
                                                    16.4
                                                           15.8
                                                                 15.1
                                                                            13.9
           24.2
                 23.8
                                                                       14.5
##
    [3697]
           13.5
                 13.0
                       12.2
                             11.6
                                   14.0
                                         16.3 18.2 19.4
                                                           19.9
                                                                 20.9
                                                                       21.6
                                                                            21.7
##
    [3709]
           21.6
                 21.1
                       20.5
                             19.6
                                   18.4
                                         16.9
                                               15.3
                                                     14.8
                                                           14.2
                                                                 13.6 13.0
                                                                             12.4
##
    [3721]
           11.8
                 11.2
                       10.6
                             10.2
                                   12.9
                                         15.5
                                               17.2 18.8
                                                           20.2
                                                                 21.4
                                                                       22.7
                                                                             23.8
                                   23.5 21.7
##
    [3733]
           24.6
                 25.1
                       25.1
                             24.6
                                               17.9 18.0 18.2 17.8 17.3
##
    [3745]
           17.0
                 16.4
                       16.9 16.3
                                   18.1
                                         20.7
                                               22.1 22.6 23.2
                                                                 23.8 24.7
                                                                             26.1
                       26.1 25.3 24.1 22.1 18.5 17.6 16.9 16.3 15.8 15.3
##
    [3757]
           27.1 26.7
```

```
14.9 14.5 14.2 14.0 18.8 21.5 23.0 21.8 22.5 25.4 24.7 22.6
##
           21.4
                  18.1
                        17.3
                              18.6
                                    19.5
                                          19.3
                                                18.6 18.6 17.5
                                                                  16.6
                                                                        16.4
    Γ3781
                                          19.7
                                                                         23.8
##
    [3793]
           16.0
                  16.2
                        16.4
                              16.5
                                    17.2
                                                21.5
                                                      22.9
                                                             24.2
                                                                   23.8
##
    [3805]
           23.7
                  23.4
                        24.1
                              23.3
                                    21.9
                                          19.9
                                                17.3
                                                      17.8
                                                             15.9
                                                                   15.4
                                                                        15.2
                                                                               14.9
##
    [3817]
            14.5
                  14.3
                        14.0
                              14.7
                                    16.4
                                          18.4
                                                20.7
                                                      22.6
                                                             24.0
                                                                   25.3
                                                                         23.9
                                                                               23.4
    [3829]
           22.2
                  23.8
                        24.3
                              24.2
                                    23.5
                                          22.2 19.1 17.3 16.1
                                                                  15.3 14.6
##
                                                                              14.0
                        14.2
                             14.5
                                    17.7
                                          19.5
                                                20.5
                                                      21.2
                                                             22.7
                                                                   23.2
    Г38417
           13.5
                  13.1
                              22.6
                                    22.6
                                          21.0
                                                19.1
                                                      18.5
                                                            17.5
                                                                  16.7
##
    [3853]
           22.5
                  21.2
                        21.1
                                                                        15.9
                                                                               15.4
##
    [3865]
            14.9
                  14.4
                        13.9
                              12.8
                                    14.4
                                          18.2
                                                20.8
                                                      22.7
                                                             24.2
                                                                   25.4
                                                                         26.2
                              25.2
                                          23.2
                                                20.9
                                                      19.7
                                                             18.7
##
    [3877]
            26.0
                  26.5
                        26.3
                                    24.8
                                                                   17.9
                                                                        17.2
                                                                               16.6
    [3889]
           16.3
                  15.8
                        15.4
                              15.0
                                    17.5
                                          20.9
                                                22.9
                                                      24.5
                                                             25.9
                                                                   26.9
                                                                         27.8
                                    26.0
                                                                               18.5
    [3901]
           28.3
                  28.0
                        27.6
                              27.0
                                          24.2
                                                21.9
                                                      20.6
                                                             19.6
                                                                   18.7
                                                                         18.4
##
##
    [3913]
            18.3
                  18.5
                        18.3
                              18.3
                                    20.1
                                          23.1
                                                25.6
                                                      27.2
                                                             28.2
                                                                   29.1
                                                                         29.9
                                                                               30.5
    [3925]
                  30.2
                        29.2
                              27.8
                                    26.6
                                          25.1
                                                      22.5
                                                             21.4
                                                                   20.8
                                                                         20.4
                                                                               20.2
##
            30.8
                                                23.1
##
    [3937]
            20.3
                  19.9
                        19.3
                              19.1
                                    21.2
                                          24.1
                                                26.6
                                                      28.5
                                                             29.3
                                                                   29.8
                                                                         30.2
                                                                               30.3
##
    [3949]
            28.5
                  27.8
                        27.1
                              25.8
                                    24.6
                                          22.9
                                                20.5
                                                      19.5
                                                             18.8
                                                                   18.3
                                                                         18.0
                                                                               18.1
##
    [3961]
                 17.7
                        17.3
                              17.4
                                    17.4
                                          20.6
                                               22.6
                                                      24.2
                                                             25.7
                                                                   26.7
                                                                         27.4 27.7
            17.8
##
    [3973]
            27.0
                  27.9
                        27.9
                              27.6
                                    27.0
                                          25.4
                                               23.0
                                                      21.6
                                                             20.7
                                                                   19.8
                                                                        19.1
                                                      26.9
    [3985]
                 17.2
                        16.7
                              17.1
                                    20.9
                                          23.6
                                                25.5
                                                            27.7
                                                                   28.8
                                                                        27.1
                                                                              27.1
##
           17.8
##
    [3997]
           26.5
                  27.5
                        26.5
                              26.4
                                    25.9
                                          25.0
                                                21.6
                                                      19.9
                                                             19.1
                                                                  18.3 17.4
                                                                               17.1
                  16.6
                        16.3
##
    [4009]
           16.8
                              16.2
                                    19.1
                                          21.4
                                                23.3
                                                      24.8
                                                             26.0
                                                                  27.1
                                                                         28.0
                                                                               28.8
    [4021]
           29.2
                  28.9
                        28.2
                              27.3
                                    26.3
                                          24.9
                                                22.5
                                                      21.9
                                                             20.9
                                                                   20.0
                                                                        19.3
##
                        18.4
                                          23.8
                                                      27.6
                                                            29.0
    [4033]
            18.6
                  18.5
                              18.2
                                    20.9
                                                25.9
                                                                   30.1 30.9
                                                                               31.0
##
                                                                               20.9
    [4045]
            30.9
                  30.9
                        30.5
                              29.9
                                    28.7
                                          26.3
                                                23.4
                                                      22.6
                                                             22.0
                                                                   21.5
                                                                         21.2
##
                        20.6
                              20.3
                                                                   32.9
    [4057]
                                    22.9
                                          25.6
                                                28.0
                                                      30.0
                                                            31.4
                                                                               34.6
##
           21.2 21.0
                                                                         34.1
                                          29.0
                                                             25.9
    [4069]
           34.7
                  34.6
                        34.2
                              33.3
                                    31.9
                                                24.9
                                                      24.4
                                                                   25.7
                                                                         25.1
##
    [4081]
           24.3
                  24.6
                        24.5
                              23.6
                                    25.9
                                          29.0
                                                31.6
                                                      33.8
                                                             35.6
                                                                   36.0
                                                                         36.0
                                                                               35.9
    [4093]
                              34.2
                                    33.0
                                          30.6
                                                27.3
                                                      24.9
                                                             23.3
                                                                   23.2
                                                                         22.0
##
           35.9
                  35.6
                        35.1
                                                                               21.8
                                                      27.5
                                                             28.6
##
    [4105]
           21.7
                  21.0
                        20.3
                              20.0
                                    22.6
                                          24.4
                                                26.0
                                                                   29.3
                                                                         30.1
                                                                               30.6
##
    [4117]
           30.7
                  30.5
                        29.7
                              28.8
                                    27.3
                                          25.6
                                                23.5
                                                      22.1
                                                             21.2
                                                                   20.8
                                                                         20.3
                                                                               19.5
##
    [4129]
            18.5
                  18.1
                        18.0
                              17.8
                                    21.3
                                          23.4
                                                25.1
                                                      26.4
                                                             27.5
                                                                   27.9
                                                                         27.9
                                                                               28.3
##
    [4141]
           28.4
                  28.3
                        27.6
                              26.6
                                    25.4
                                          23.9
                                                22.1
                                                      21.3
                                                             20.5
                                                                   19.9
                                                                         19.3
                                                                               18.6
                                               21.5
                                                      23.9
                                                             25.9
##
    [4153]
           17.9
                  17.7
                        17.6
                              17.3
                                    18.2
                                          19.4
                                                                   27.4
                                                                         28.6
                                                                               29.3
    [4165]
           30.2
                  30.1
                        29.7
                              29.0
                                    28.0
                                          26.3
                                                23.7
                                                      21.3
                                                            19.2
                                                                  17.9
                                                                        17.1
##
                                                                              16.5
##
    [4177]
            16.2
                  16.0
                        16.4
                              16.8
                                    18.5
                                          20.5
                                                22.9
                                                      25.6
                                                             27.8
                                                                   29.2
                                                                         30.1
                                                                               30.7
##
    [4189]
           31.2
                  31.0
                        30.4
                              29.6
                                    28.4
                                          26.6
                                               22.9
                                                      21.0
                                                            19.5
                                                                  18.2 17.0
                                                                               16.1
##
    [4201]
           15.3
                 14.6
                        14.0
                              13.7
                                    20.9
                                          23.4 25.8
                                                      27.8
                                                            29.3
                                                                  30.5
                                                                        31.6
                                                                               32.4
##
    [4213]
           33.0
                  33.2
                        32.8
                              32.0
                                    30.6
                                          28.4
                                                24.8
                                                      23.3
                                                            22.7
                                                                   22.1
                                                                         21.3
                                                                               20.9
    [4225]
            20.4
                  20.2
                        20.4
                              20.4
                                    23.0
                                          25.5
                                                27.3
                                                      29.0
                                                             30.4
                                                                  31.8
                                                                         32.8
                                                                               33.4
##
                                                25.4
                                                      24.3
                                                             23.6
                                                                  22.8 22.1
    [4237]
           33.6
                  33.4
                        32.8
                              31.5
                                    29.9
                                          27.8
                                                                               21.4
##
    [4249]
                  20.3
                        19.9
                              19.8
                                    22.4
                                          24.2
                                                25.7
                                                      27.3
                                                             28.7
                                                                   29.8
                                                                        30.6
           20.7
    [4261]
           31.0
                  30.7
                        30.1
                              29.2
                                    27.8
                                          25.7
                                                23.6
                                                      22.6
                                                            21.9
                                                                   21.3
                                                                         20.6
                                                                              19.9
##
                              17.2
                                    18.0
                                                21.6
                                                      24.1
##
    [4273]
            19.1
                  18.3
                        17.7
                                          19.4
                                                             26.6
                                                                   28.4
                                                                         29.6
                                                                               30.4
                                    28.6
                                          26.6
                                                23.3
                                                      20.5
                                                                  17.6
                                                                        17.0
##
    [4285]
           31.9
                  31.7
                        31.2
                              30.1
                                                             18.8
                                                                              16.5
    [4297]
                                          22.3
                                                24.3
                                                      26.0
                                                             27.3
                                                                   28.4
##
            17.3
                  17.7
                        18.0
                              18.3
                                    20.1
                                                                         30.0
                                                23.8
                                                      22.4
##
    [4309]
            31.9
                  31.8
                        31.1
                              29.9
                                    28.5
                                          26.5
                                                             21.4
                                                                   20.6
                                                                         20.0
                                                                               19.8
                                                      27.9
##
    [4321]
            19.5
                  19.2
                        18.9
                              18.6
                                    18.6
                                          22.8
                                                25.8
                                                             29.7
                                                                   31.1
                                                                         32.2
                                                                               32.9
    [4333]
                                    27.1
                                          25.2
                                                22.8
                                                      21.1
                                                            19.6
                                                                  18.3
                                                                        18.2
                                                                               18.4
##
            31.0
                  30.5
                        29.7
                              28.5
##
    [4345]
           18.6
                  18.7
                        18.6
                              18.5
                                    20.6
                                          22.6
                                                24.2
                                                      25.6
                                                             26.7
                                                                   27.9
                                                                         28.7
                                                                               29.2
                                    26.9
                                                      21.5
##
    [4357]
            29.6
                  29.5
                        29.0
                              28.2
                                          24.9
                                                22.6
                                                             20.6
                                                                  19.8
                                                                        19.1
                                                                               18.4
##
    [4369]
            17.8
                  17.6
                        17.4
                              17.3
                                    16.8
                                          19.4
                                                22.2
                                                      24.9
                                                             26.9
                                                                   28.2
                                                                         29.2
                                                                               29.8
                                    27.8 26.0
##
    [4381]
            30.7
                  30.4
                        29.9
                              29.0
                                               22.8 20.1
                                                            18.5
                                                                  17.5
                                                                        16.7
##
    [4393]
            15.4
                 15.0
                        14.8
                             15.1
                                    21.2
                                          23.5
                                                25.1
                                                      26.6 27.8
                                                                  28.9
                                                                         29.9
                                                                               30.6
                                          26.7 23.6 22.3 21.7 20.9 20.2
##
    [4405]
            31.0
                  31.0 30.6 29.9
                                    28.7
                                                                              19.6
```

```
19.2 18.9 18.9 18.8
                                    21.0 22.8 24.3
                                                      25.6 26.7 27.8 28.6
##
    [4429]
            29.3
                  29.4
                        29.2
                              28.5
                                    27.3
                                          25.4
                                                22.3
                                                      20.7
                                                             19.6
                                                                   19.0 18.5
                                    19.8
                                          22.3
                                                             28.0
                                                                   29.2
##
    [4441]
            17.6
                  17.3
                        17.1
                              17.0
                                                24.6
                                                      26.6
                                                                         30.4
                                          28.0
                                                25.3
                                                             23.6
                                                                   22.8
    [4453]
            31.9
                  32.4
                        32.1
                              30.7
                                    29.6
                                                      24.4
                                                                         22.2
                                                                               21.8
##
##
    [4465]
            21.2
                  20.9
                        21.5
                              20.9
                                    21.1
                                          24.2
                                                26.9
                                                      29.1
                                                             30.5
                                                                   31.6
                                                                         32.5
    [4477]
            33.4
                  33.3
                        33.0
                              32.3
                                    31.0
                                          28.7
                                                24.9
                                                      23.1
                                                            22.0
                                                                   21.6
                                                                         21.5
                                                                               21.3
##
                        21.2
                              21.0
                                    24.2
                                          23.6
                                                25.7
                                                      27.6
                                                            27.9
                                                                   29.5
                                                                         30.8
    [4489]
            21.2
                  21.3
                  32.4
                        32.2
                                    31.0
                                          28.5
                                                21.9
                                                      21.8 19.9
                                                                   19.2 18.7
##
    [4501]
            32.3
                              31.8
                                                                               18.3
    [4513]
##
            18.4
                  18.6
                        18.6
                              17.5
                                    20.5
                                          23.6
                                                25.8
                                                      27.4
                                                             28.5
                                                                   29.4
                                                                         30.0
                                          27.0
                                                22.4
                                                      21.4
                                                             20.3
                                                                               18.2
##
    [4525]
            30.6
                  30.7
                        30.6
                              30.0
                                    29.0
                                                                   19.6
                                                                        18.8
                                                      30.0
    [4537]
            18.2
                  18.1
                        18.0
                              17.9
                                    20.7
                                          24.4
                                                27.3
                                                             31.9
                                                                   33.5
                                                                         34.5
    [4549]
            34.5
                  34.5
                        34.4
                              33.8
                                    32.5
                                          30.3
                                                26.3
                                                      23.8
                                                             23.0
                                                                   23.5
                                                                         24.1
                                                                               23.6
##
##
    [4561]
            22.9
                  22.8
                        22.9
                              23.2
                                    24.3
                                          27.9
                                                29.8
                                                      30.6
                                                             32.3
                                                                   33.8
                                                                         34.9
                                                                               35.6
    [4573]
            35.8
                  35.4
                        34.4
                              33.1
                                          28.5
                                                25.7
                                                      25.2
                                                             23.8
                                                                         21.4
                                                                               20.2
##
                                    31.1
                                                                   22.8
##
    [4585]
            19.4
                  19.0
                        18.7
                              18.4
                                    21.9
                                          23.8
                                                24.8
                                                      26.6
                                                             28.3
                                                                   29.5
                                                                         30.6
                                                                               31.4
##
    [4597]
            31.8
                  31.5
                        30.7
                              29.8
                                    28.2
                                          26.0
                                                23.5
                                                      22.3
                                                             21.2
                                                                   20.1
                                                                         19.4
                                                                               18.9
##
    [4609]
            18.2
                  18.1
                        17.9
                              17.5
                                    20.5
                                          23.2 25.1
                                                      26.5
                                                            27.5
                                                                   27.7
                                                                         28.7
                                                                               29.1
##
    [4621]
            29.2
                  29.1
                        28.5
                              27.6
                                    26.1
                                          24.1
                                                21.8
                                                      21.0
                                                             20.4
                                                                   19.9
                                                                         19.4
    [4633]
                  17.6
                        17.1
                              16.5
                                    16.9
                                          19.5
                                                22.0
                                                      24.3
                                                            26.0
                                                                   27.3
                                                                         28.2 28.8
##
            18.1
##
    [4645]
            29.2
                  28.9
                        28.2
                              27.2
                                    25.8
                                          24.0
                                                21.7
                                                      20.1
                                                             18.5
                                                                   16.9
                                                                        16.2
                                                                               16.5
##
    [4657]
            17.2
                  17.6
                        17.7
                              17.6
                                    19.1
                                          21.4
                                                23.7
                                                      25.4
                                                             26.0
                                                                   27.1
                                                                         28.1
                                                                               28.6
    [4669]
            28.9
                  28.8
                        28.3
                              27.5
                                    26.2
                                          24.4
                                                22.4
                                                      21.5
                                                             20.6
                                                                   19.8
                                                                        19.1
##
            18.1
                                                23.8
                                                             26.9
                                                                   28.2
    [4681]
                  17.9
                        17.7
                              17.3
                                    19.1
                                          21.7
                                                      25.5
                                                                         29.2
                                                                               30.2
##
    [4693]
            30.9
                  31.3
                        31.2
                              30.5
                                    29.4
                                          27.3
                                                23.2
                                                      21.7
                                                             20.6
                                                                   20.2
                                                                         19.4
##
                                                                               18.9
                        18.1
                                          25.2
                                                28.3
                                                      31.1
                                                             33.5
                                                                   35.5
                                                                         36.3
                                                                               36.3
##
    [4705]
            18.3
                 18.1
                              18.7
                                    21.7
                                          28.8
    [4717]
            36.5
                  36.5
                        34.7
                              32.8
                                    31.6
                                                24.3
                                                      25.2
                                                             26.0
                                                                   24.3
                                                                         23.7
##
    [4729]
            22.4
                  22.8
                        22.3
                              20.8
                                    19.8
                                          20.0
                                                20.7
                                                      21.6
                                                             23.4
                                                                   25.5
                                                                         26.6
                                                                               28.0
                        27.7
                              26.3
                                    24.4
                                          23.0
                                                20.6
                                                      19.4
                                                             18.8
                                                                   17.9
##
    [4741]
            29.0
                  29.1
                                                                         17.4
                                                                               17.0
                                                                         28.2
                                                             26.0
##
    [4753]
            15.9
                  15.9
                        16.0
                              16.1
                                    18.6
                                          21.7
                                                23.1
                                                      24.8
                                                                   27.2
                                                                               29.2
##
    [4765]
            29.6
                  29.2
                        27.5
                              26.8
                                    25.9
                                          24.4
                                                22.2
                                                      21.8
                                                             21.1
                                                                   20.0
                                                                         19.5
                                                                               19.4
                                                      27.9
##
    [4777]
            19.3
                  19.2
                        19.0
                              18.7
                                    19.7
                                          23.1
                                                26.2
                                                             29.1
                                                                   29.9
                                                                         30.5
                                                                               31.0
##
    [4789]
            31.5
                  31.8
                        31.7
                              31.2
                                    30.1
                                          27.6
                                                23.2
                                                      21.4
                                                             21.1
                                                                   20.9
                                                                         20.2
                                                                               19.4
                                                26.7
                                                      28.8
                                                             30.6
                                                                               33.5
##
    [4801]
            18.9
                  18.3
                        18.0
                              17.7
                                    21.1
                                          24.5
                                                                   31.8
                                                                         32.7
    [4813]
            33.8
                  33.7
                        33.2
                              32.4
                                    30.9
                                          28.1
                                                24.7
                                                      23.4
                                                             22.5
                                                                   21.8
                                                                         21.0
                                                                               20.3
##
                                                      27.0
##
    [4825]
            19.7
                  19.2
                        18.9
                              18.7
                                    18.0
                                          21.8
                                                24.4
                                                             28.9
                                                                   30.5
                                                                         31.6
                                                                               32.4
##
    [4837]
            33.3
                  33.2
                        32.6
                              31.5
                                    29.8
                                          27.5
                                                23.6
                                                      20.9
                                                             19.1
                                                                   17.8 17.0
                                                                               16.4
##
    [4849]
            15.9
                  15.5
                        15.7
                              16.4
                                    21.1
                                          23.5
                                                25.2
                                                      26.6 27.8
                                                                  29.1
                                                                         30.2
                                                                               31.4
##
    [4861]
            32.1
                  32.4
                        31.8
                              30.9
                                    29.3
                                          26.8
                                                23.8
                                                      22.4
                                                            21.6
                                                                   20.9
                                                                         20.2
                                                                               19.6
##
    [4873]
            19.3
                  19.3
                        19.2
                              19.5
                                    19.7
                                          20.4
                                                21.5
                                                      23.4
                                                             25.9
                                                                   28.2
                                                                         29.9
                                                                               31.1
                                                      22.7
##
    [4885]
            33.3
                  33.3
                        33.0
                              32.2
                                    31.0
                                          28.7
                                                24.7
                                                            21.1
                                                                  19.8 18.7
                                                                               17.9
    [4897]
                        17.0
                              16.9
                                    21.5
                                          23.9
                                                26.0
                                                      27.9
                                                             29.0
                                                                   30.3
                                                                        31.5
            17.5
                  17.2
##
    [4909]
            32.4
                  32.9
                        33.0
                              31.5
                                    29.1
                                          25.6
                                                22.1
                                                      21.6
                                                            21.9
                                                                   22.1
                                                                         22.2 21.2
    [4921]
                              19.4
                                    18.0
                                          20.0
                                                22.0
                                                                         26.2
##
            20.3
                  19.5
                        18.6
                                                      24.0
                                                             25.5
                                                                   27.0
                                                                               26.9
                              26.6
                                          22.9
                                                                  18.5
                                                                        18.9
##
    [4933]
            28.0
                  27.5
                        27.2
                                    24.8
                                                20.1
                                                      19.4
                                                            18.8
                                                                               18.2
                                    17.7
                                          20.7
                                                23.0
                                                             26.8
                                                                   28.1
##
    [4945]
            17.6
                  17.5
                        17.1
                              16.4
                                                      25.1
                                                                         28.4
                        27.8
                              27.0
                                    25.7
                                                20.6
                                                      19.5
                                                                   19.2
                                                                        18.4
                                                                               18.0
##
    [4957]
            28.5
                  28.2
                                          23.9
                                                             19.1
##
    [4969]
            18.0
                  17.9
                        17.8
                              17.6
                                    19.8
                                          22.7
                                                25.0
                                                      26.9
                                                             28.4
                                                                   29.2
                                                                         29.7
                                                                               29.8
    [4981]
                  29.3
                        28.6
                              27.7
                                    26.7
                                          25.1
                                                22.5
                                                      21.5
                                                             20.7
                                                                   20.2
                                                                         20.7
                                                                               20.7
##
            29.7
##
    [4993]
            20.5
                  20.4
                        20.2
                              19.9
                                    19.2
                                          20.6
                                                23.3
                                                      26.1
                                                             27.6
                                                                   28.8
                                                                         29.7
                                                                               30.3
                              29.4
                                    28.9
                                          27.2
                                                      24.0
##
    [5005]
            29.7
                  29.9
                        29.7
                                                25.0
                                                             23.4
                                                                   22.6
                                                                         21.7
                                                                               20.9
                                                             29.1
##
    [5017]
            20.1
                  19.6
                        19.2
                              18.6
                                    21.3
                                          24.6
                                                26.7
                                                      28.1
                                                                   29.8
                                                                         30.2
                                                                               30.4
                                    27.6
##
    [5029]
            29.3
                  29.0
                        29.0
                              28.6
                                         25.7
                                                22.7
                                                      21.8 21.1
                                                                   20.4 19.4
##
    [5041]
            18.0
                  17.5
                        17.3
                              16.9
                                    19.7
                                          22.2
                                                24.4
                                                      25.9 27.1
                                                                   28.0
                                                                         28.3
                                                                               28.7
                                                22.6 21.8 21.3 20.7 20.1
##
    [5053]
            29.2 29.0 28.6 27.7 26.4 24.5
                                                                              19.4
```

```
18.5 17.7 17.5 17.4 19.3 22.0 24.3
                                                        25.9 26.7
                                                                    27.5
                                                                           28.5
##
            29.5
                  29.3
                         28.7
                               27.6
                                     26.2
                                           24.1
                                                 22.4
                                                        21.9
                                                              21.5
                                                                     20.9
                                                                           20.3
                                                                                 19.7
    [5077]
                               18.6
                                           22.7
                                                        25.5
                                                                     27.8
##
    [5089]
            19.2
                  18.8
                         18.7
                                     20.2
                                                  24.7
                                                              26.7
                                                                           28.8
                                           23.8
                                                  22.2
                                                              21.2
                                                                     20.6
##
    [5101]
            29.4
                  29.2
                        28.5
                               27.4
                                     25.8
                                                        21.7
                                                                           20.1
                                                                                 19.8
##
    [5113]
            19.5
                  19.1
                         18.9
                               18.7
                                     20.1
                                           22.3
                                                  24.3
                                                        25.4
                                                              26.3
                                                                     27.3
                                                                           28.1
                                                                                 28.6
    [5125]
            28.8
                  28.7
                         28.0
                               26.8
                                     25.0
                                           22.8
                                                 21.5
                                                        21.0
                                                              20.5
                                                                     20.1
                                                                          19.8
                                                                                 19.5
##
                        18.2
                               18.0
                                     19.5
                                           20.9
                                                  22.7
                                                        24.7
                                                              27.0
                                                                     28.2
                                                                           29.0
    [5137]
            19.0
                  18.5
    [5149]
                  29.8
                        29.2
                                     26.7
                                           24.7
                                                  22.5
                                                        21.0
                                                              19.3
                                                                     17.6
##
            30.1
                               28.1
                                                                          16.6
                                                                                 16.0
##
    [5161]
            16.3
                  16.5
                        17.2
                               17.4
                                     19.0
                                           21.4
                                                  23.7
                                                        25.3
                                                              26.0
                                                                     27.1
                                                                           27.7
                                           23.5
                                                  21.8
                                                        21.1
                                                              20.4
##
    [5173]
            28.4
                  28.4
                         28.0
                               27.1
                                     25.6
                                                                    19.5
                                                                           18.6
                                                                                 17.8
##
    [5185]
            17.1
                  16.9
                         16.7
                               16.4
                                     17.5
                                           18.9
                                                  20.9
                                                        23.5
                                                              26.0
                                                                     27.7
                                                                           29.0
                                     29.0
                                           26.5
                                                        20.2
    [5197]
                  31.2
                         30.9
                               30.2
                                                  22.3
                                                              18.8
                                                                     17.7
                                                                           16.9
                                                                                 16.2
##
            31.1
##
    [5209]
            15.7
                  15.0
                         14.4
                               13.7
                                     17.8
                                           20.9
                                                  23.2
                                                        25.2
                                                              26.9
                                                                     28.4
                                                                           29.9
                                                                                 31.0
    [5221]
            31.7
                         32.2
                               31.4
                                     30.2
                                           26.9
                                                  23.3
                                                        21.7
                                                              20.7
                                                                     20.1
                                                                           19.8
                                                                                 19.6
##
                  32.2
##
    [5233]
            19.1
                  18.7
                         18.5
                               18.5
                                     21.6
                                           24.9
                                                  28.0
                                                        30.8
                                                              32.7
                                                                     34.3
                                                                           35.3
                                                                                 35.8
##
    [5245]
            35.8
                  35.4
                         34.4
                               32.5
                                     30.6
                                           27.8
                                                  25.8
                                                        24.7
                                                              23.4
                                                                     22.4
                                                                           21.4
                                                                                 20.7
##
    [5257]
            20.1
                  19.6
                        19.4
                               19.8
                                     19.6
                                           20.2
                                                 21.2
                                                        23.7
                                                              26.4
                                                                     28.3
                                                                           29.4
                                                                                 30.0
                                                        20.5
##
    [5269]
            30.8
                  30.5
                         29.8
                               28.7
                                     27.2
                                           24.9
                                                 22.5
                                                              18.5
                                                                     17.3
                                                                          17.1
    [5281]
            19.1
                  19.0
                        18.8
                               18.8
                                     19.3
                                           21.4
                                                 22.9
                                                        24.2
                                                              25.2
                                                                     26.3
                                                                           27.5
##
                                                                                 28.1
##
    [5293]
            28.5
                  28.3
                         27.6
                               26.6
                                     25.3
                                           23.2
                                                  21.7
                                                        21.0
                                                              20.4
                                                                     19.9
                                                                           19.2
                                                                                 18.6
##
    [5305]
            18.1
                  17.7
                         17.5
                               17.4
                                     18.1
                                           21.3
                                                  23.2
                                                        24.7
                                                              25.9
                                                                     27.0
                                                                           28.1
                                                                                 29.4
##
    [5317]
            30.3
                  30.7
                         30.7
                               30.1
                                     29.3
                                           26.3
                                                  23.1
                                                        21.8
                                                              20.7
                                                                     20.2
                                                                           19.9
            18.9
                                                        27.8
                                                              29.0
##
    [5329]
                  18.5
                        18.5
                               18.1
                                     21.0
                                           24.5
                                                  26.6
                                                                     30.0
                                                                           30.8
                                                                                 31.2
    [5341]
            31.3
                  30.9
                         30.1
                               29.0
                                     27.4
                                           25.6
                                                  24.7
                                                        23.9
                                                              23.1
                                                                     22.2
                                                                           21.5
##
                                                                                 21.2
                                     16.8
                                                 18.3
                                                        20.5
                                                              24.0
                                                                     25.7
                                                                           26.3
                                                                                 26.6
##
    [5353]
            19.8
                  18.7
                        18.3
                               17.9
                                           17.3
                                           24.2
                                                  22.7
                                                                     20.5
    [5365]
            27.5
                  29.3
                         28.5
                               27.1
                                     26.0
                                                        22.0
                                                              21.3
                                                                           19.9
##
    [5377]
            19.0
                  18.6
                        18.5
                               18.2
                                     19.9
                                           22.2
                                                  24.2
                                                        25.6
                                                              26.6
                                                                     27.5
                                                                           28.6
                                                                                 29.3
    [5389]
                                     28.4
                                           26.3
                                                  24.6
                                                        23.3
                                                              22.1
##
            29.9
                  30.0
                         29.9
                               29.3
                                                                     21.3
                                                                           20.4
                                                                                 19.7
                                                        26.4
                                                                           29.6
##
    [5401]
            19.3
                  19.0
                        18.8
                               18.6
                                     19.9
                                           22.7
                                                  24.8
                                                              27.5
                                                                     28.7
                                                                                 30.7
##
    [5413]
            31.1
                  31.0
                         30.5
                               29.5
                                     28.2
                                           26.2
                                                  24.8
                                                        24.0
                                                              23.1
                                                                     22.4
                                                                           21.8
                                                                                 21.2
                                                        27.4
##
    [5425]
            20.5
                  19.9
                         19.5
                               19.1
                                     20.6
                                           23.3
                                                  25.6
                                                              28.6
                                                                     29.6
                                                                           30.9
                                                                                 31.8
##
    [5437]
            32.3
                  32.5
                         32.3
                               31.5
                                     30.0
                                           27.5
                                                  25.6
                                                        24.3
                                                              23.2
                                                                     22.3
                                                                           21.4
                                                                                 20.6
                                     20.7
                                           23.5
                                                  25.8
                                                        27.5
                                                              28.8
##
    [5449]
            20.2
                  20.1
                         19.6
                               19.6
                                                                     30.0
                                                                           31.4
                                                                                 32.1
    [5461]
            32.4
                  32.6
                         32.3
                               31.6
                                     30.2
                                           27.4
                                                  25.2
                                                        23.8
                                                              22.7
                                                                     22.0
                                                                           21.4
                                                                                 21.2
##
##
    [5473]
            21.3
                  21.3
                         21.2
                               20.8
                                     21.2
                                           24.3
                                                  26.5
                                                        28.0
                                                              29.3
                                                                     30.6
                                                                           32.1
                                                                                 33.5
##
    [5485]
            34.5
                  35.1
                        35.0
                               34.4
                                     33.2
                                           30.6
                                                  28.9
                                                        27.2
                                                              26.2
                                                                     25.2
                                                                           24.4
                                                                                 24.1
##
    [5497]
            24.5
                  24.6
                         24.3
                               23.7
                                     24.6
                                           27.2
                                                  30.7
                                                        33.2
                                                              34.8
                                                                     36.1
                                                                           37.2
                                                                                 37.7
##
    [5509]
            37.3
                  36.8
                        36.4
                               35.7
                                     34.6
                                           31.0
                                                  28.7
                                                        28.4
                                                              28.5
                                                                     28.4
                                                                           27.8
                                                                                 27.3
##
    [5521]
            26.1
                  24.9
                         24.6
                               24.8
                                     25.0
                                           28.3
                                                  30.1
                                                        31.9
                                                              33.4
                                                                     34.6
                                                                           35.4
                                                                                 36.3
                                                        26.1
                                                  27.3
                                                              25.1
                                                                     24.1
##
    [5533]
            36.6
                  36.4
                        35.9
                               35.1
                                     33.3
                                           29.4
                                                                           23.2
                                                                                 23.0
    [5545]
                  22.4
                         21.9
                               21.5
                                     22.2
                                           24.3
                                                  26.0
                                                        28.0
                                                              29.2
                                                                     29.6
                                                                           30.1
            22.8
##
    [5557]
            30.8
                  30.7
                        30.2
                               29.0
                                     27.5
                                           25.5
                                                  24.5
                                                        23.8
                                                              23.1
                                                                     22.4
                                                                           21.8
                                                                                 21.4
                         20.6
                               20.4
                                     20.8
                                           23.0
                                                  24.6
                                                        26.0
                                                              27.0
##
    [5569]
            21.1
                  20.8
                                                                     28.2
                                                                           29.1
                                                                                 30.0
##
                  30.5
                        30.0
                               28.9
                                     27.2
                                                  23.5
                                                        22.6
                                                              21.9
                                                                           20.6
    [5581]
            30.4
                                           24.7
                                                                     21.4
                                                                                 20.1
                                     19.9
                                           22.7
                                                  24.7
                                                              27.7
                                                                     29.0
##
    [5593]
            19.5
                  18.9
                        18.5
                               18.3
                                                        26.1
                                                                           30.1
                                                  24.4
                                                        23.4
                                                              22.1
##
    [5605]
            31.7
                  31.7
                         31.2
                               30.1
                                     28.6
                                           26.0
                                                                     21.3
                                                                           21.0
                                                                                 20.4
                                                        27.9
##
    [5617]
            20.1
                  19.7
                        19.4
                               19.3
                                     21.2
                                           23.6
                                                  25.9
                                                              29.3
                                                                     30.4
                                                                           31.2
                                                                                 31.9
    [5629]
                                     28.8
                                           26.6
                                                 25.7
                                                        25.1
                                                              24.8
                                                                     24.2
                                                                           23.6
                                                                                 22.9
##
            32.1
                  31.9
                         31.5
                               30.4
##
    [5641]
            22.2
                  21.6
                        21.2
                               20.8
                                     22.1
                                           24.6
                                                  26.6
                                                        28.2
                                                              29.6
                                                                     30.9
                                                                           32.3
                                                                                 33.2
                                                        25.4
##
    [5653]
            33.4
                  33.3
                         32.8
                               31.8
                                     30.1
                                           27.6
                                                  26.5
                                                              24.4
                                                                     23.6
                                                                           22.7
                                                                                 22.0
##
            21.4
                        20.6
                               20.3
                                     18.7
                                           22.0
                                                  24.4
                                                        26.7
                                                              29.2
                                                                     31.5
                                                                           33.1
    [5665]
                  21.1
                                                                                 34.1
                                           28.5
                                                        25.8
##
    [5677]
            34.8
                  35.3
                        34.9
                               34.2
                                     32.4
                                                 26.8
                                                              25.4
                                                                     24.8
                                                                           24.3
                                                                                 23.9
                        23.0
                                                        28.7
                                                              29.8
##
    [5689]
            23.4
                  23.2
                               22.1
                                     23.4
                                           25.4
                                                  27.0
                                                                     29.4
                                                                          30.1
                                                                                 30.2
                        30.0 29.2 27.5
                                           24.9
                                                  23.6 22.9 23.0 22.7 22.4
##
    [5701]
            30.2
                  30.2
                                                                                22.1
```

```
21.9
                  21.7 21.8 21.7
                                    21.9
                                         22.5 23.2 24.3 25.7 27.7
                                                                        29.4
##
           31.8
                 31.5
                        30.8
                             29.6
                                    28.0
                                          25.6
                                                23.8
                                                      22.4
                                                            21.1
                                                                  20.1
                                                                        19.6
                                                                               20.7
    [5725]
    [5737]
                  21.0
                        20.8
                              20.6
                                    21.5
                                                            27.1
                                                                        28.6
##
           21.1
                                          23.3
                                                25.0
                                                      25.9
                                                                  28.1
                                          23.3
                                                23.0
                                                      22.5
                                                            22.1
##
    [5749]
           28.7
                  28.3
                        27.6
                              26.4
                                    24.9
                                                                  21.8
                                                                        21.6
                                                                               21.2
##
    [5761]
           20.7
                  20.2
                        19.8
                              19.5
                                    20.3
                                          22.2
                                                24.2
                                                      25.4
                                                            26.3
                                                                  27.3
                                                                        28.1
    [5773]
           28.9
                  28.8
                        28.1
                              26.8
                                    25.1
                                          23.2
                                                22.7
                                                      22.3
                                                            22.1
                                                                  21.6
                                                                        21.1
                                                                              21.2
##
                        19.9
                              19.8
                                    20.5
                                          20.7
                                                22.1
                                                      24.2
                                                            26.3
                                                                        28.4
    [5785]
           20.7
                  20.1
                                                                  27.3
            30.5
    [5797]
                  30.9
                        30.2
                              29.1
                                    27.7
                                          24.7
                                                23.4
                                                      22.6
                                                            21.8
                                                                        21.3
##
                                                                  21.7
                                                                               20.9
                                                27.1
##
    [5809]
            20.4
                  20.0
                        19.8
                              19.6
                                    20.8
                                          23.4
                                                      28.6
                                                            29.5
                                                                  30.7
                                                                        31.8
                                                                               32.6
##
            33.0
                  32.9
                                          24.2
                                                23.5
                                                      24.1
                                                            23.3
                                                                  22.1
                                                                        21.4
    [5821]
                        32.5
                              31.2
                                    27.8
                                                                               21.6
    [5833]
            21.4
                  21.3
                        20.8
                              20.4
                                    21.0
                                          21.8
                                                22.8
                                                      23.7
                                                            24.5
                                                                  24.8
                                                                        25.2
                                    22.2
    [5845]
            25.8
                  25.5
                        24.9
                              23.8
                                          20.5
                                                20.0
                                                      19.3
                                                            18.7
                                                                  18.2
                                                                        17.8
                                                                               17.4
##
##
    [5857]
           17.1
                  16.8
                        16.7
                              16.6
                                    17.4
                                          18.6
                                                21.2
                                                      22.3
                                                            23.6
                                                                  25.2
                                                                        25.7
                                                                               25.9
    [5869]
           27.3
                  26.9
                        26.2
                              25.0
                                    23.5
                                                20.7
                                                      19.9
                                                            19.2
                                                                  18.3
                                                                        17.2
                                                                              17.2
##
                                          21.7
##
    [5881]
            18.5
                  18.7
                        16.7
                              16.3
                                    17.1
                                          19.4
                                                21.9
                                                      24.0
                                                            25.3
                                                                  26.5
                                                                        26.8
                                                                              27.6
##
    [5893]
            27.7
                  27.7
                        27.3
                              26.2
                                    24.5
                                          22.4
                                                21.7
                                                      21.2
                                                            20.6
                                                                  20.1
                                                                        19.5
                                                                               18.9
##
    [5905]
            18.2
                  18.0
                        17.9
                              17.5
                                    17.4
                                          19.8 22.1
                                                      23.6
                                                            24.5
                                                                  25.3
                                                                        26.1
                                                                               26.7
##
    [5917]
            27.1
                  27.2
                        26.8
                              25.9
                                    24.5
                                          22.4 21.7
                                                      21.0
                                                            20.4
                                                                  19.6
                                                                        19.0
           20.1
    [5929]
                  19.9
                        19.8
                              19.6
                                    16.8
                                          19.8 22.0
                                                      23.7
                                                            25.0
                                                                  26.1
                                                                        26.9
##
                                                                              27.8
##
    [5941]
           28.5
                  28.9
                        28.9
                              28.3
                                    26.9
                                          23.1
                                                21.8
                                                      20.6
                                                            19.8
                                                                  19.2
                                                                        18.5
                                                                               18.2
##
    [5953]
           17.9
                  17.5
                        17.2
                              17.1
                                    17.6
                                          21.2 23.7
                                                      25.6
                                                            27.4
                                                                  28.8 30.0
                                                                               30.8
    [5965]
           31.3
                  31.3
                        30.7
                              29.6
                                    27.9
                                          24.0
                                                22.6
                                                      21.5
                                                            20.7
                                                                  20.0
                                                                        19.2
##
            18.4
                                                      21.9
                                                            24.1
##
    [5977]
                  18.2
                        18.2
                              18.2
                                    16.6
                                          17.7
                                                19.4
                                                                  25.8
                                                                        27.1
                                                                               28.2
    [5989]
            31.4
                  31.4
                        30.8
                              29.7
                                    27.6
                                          23.8
                                                21.3
                                                      19.4
                                                            17.8
                                                                  16.9
                                                                        16.5
                                                                               17.1
##
                                    16.7
    [6001]
                                          19.9
                                                22.4
                                                      24.1
                                                            25.3
                                                                  26.4 27.5
                                                                               28.5
##
           17.6
                 17.9
                        18.0
                             18.1
                                          23.2
                                                22.3
                                                            20.6
    [6013]
           28.9
                  28.8
                        28.2
                              27.3
                                    25.5
                                                      21.4
                                                                  20.2 19.4
##
    [6025]
           18.3
                  18.1
                        17.9
                              17.8
                                    18.6
                                          21.1
                                                23.6
                                                      25.4
                                                            27.0
                                                                  28.3
                                                                        29.1
                                                                               30.0
    [6037]
                              28.2
                                    26.3
                                          23.9
                                                22.5
                                                      21.3
                                                            20.4
                                                                        18.8
##
           30.2
                  29.9
                        29.3
                                                                  19.6
                                                                               18.7
                                                      22.3
##
    [6049]
           18.6
                  18.9
                        19.3
                              19.0
                                    16.1
                                          18.9
                                                20.1
                                                            24.8
                                                                  26.8 28.3
                                                                               29.3
##
    [6061]
           31.4
                  31.3
                        30.9
                              29.9
                                    28.1
                                          24.5
                                                22.8
                                                      21.3
                                                            19.8
                                                                  18.7
                                                                        17.9
                                                                               17.4
##
    [6073]
            17.0
                  16.5
                        16.1
                              15.6
                                    18.0
                                          21.5
                                                23.9
                                                      25.4
                                                            26.1
                                                                  26.9
                                                                        27.5
                                                                               27.9
##
    [6085]
            28.1
                  28.0
                        27.5
                              26.5
                                    24.7
                                          22.5
                                                21.4
                                                      20.5
                                                            19.6
                                                                  18.6 17.7
                                                                               17.3
                                          19.3 21.8
                                                      23.7
                                                            25.3
##
    [6097]
            16.9
                  16.8
                        16.7
                              16.5
                                    16.3
                                                                  26.4
                                                                        26.9
                                                                               27.3
           27.4
                  27.3
                        26.9
                              25.9
                                    24.1
                                          21.4 20.7
                                                      19.7
                                                            18.5
                                                                  17.7
                                                                        17.0
                                                                              16.9
##
    [6109]
##
    [6121]
            17.3
                  17.4
                        17.4
                              17.0
                                    17.5
                                          19.7
                                                23.4
                                                      26.4
                                                            28.8
                                                                  30.4
                                                                        31.5
                                                                               32.1
##
    [6133]
           32.2
                  31.3
                        30.4
                              29.1
                                    26.8
                                          24.4
                                               23.3
                                                      22.2
                                                            21.4
                                                                  21.1
                                                                        20.9
                                                                               21.0
##
    [6145]
           21.2
                  21.1
                        21.1
                              20.8
                                    20.9
                                          23.3
                                                26.9
                                                      29.4
                                                            31.3
                                                                  31.1
                                                                        31.1
##
    [6157]
           30.7
                  30.7
                        30.3
                              29.3
                                    27.3
                                          24.5
                                                24.2
                                                      23.9
                                                            23.4
                                                                  23.5
                                                                        22.8
                                                                               23.2
##
    [6169]
            22.2
                  22.1
                        22.2
                              21.8
                                    19.5
                                          21.1
                                                24.8
                                                      26.9
                                                            28.1
                                                                  29.1
                                                                        29.7
                                                                               29.9
                             22.2
                                    20.8
                                               19.3 19.2 19.2
##
    [6181]
           28.1
                  26.7
                        24.2
                                          19.8
                                                                  19.4
                                                                        19.5
                                                                               19.7
    [6193]
                  19.6
                        19.5
                              19.4
                                    20.6
                                          21.8
                                                23.2
                                                      25.3
                                                            26.9
                                                                  28.4
                                                                        30.6
           19.7
##
    [6205]
           32.1
                  31.4
                        29.8
                              27.9
                                    26.5
                                          25.6
                                                24.3
                                                      24.2
                                                            23.9
                                                                  22.3
                                                                        22.3
                                                                              21.9
                              20.8
                                          21.0
                                                25.0
                                                      27.3
                                                            28.8
                                                                  29.9
##
    [6217]
           21.2
                  20.8
                        21.1
                                    19.4
                                                                        30.2
                                                                               30.1
##
    [6229]
           30.6
                  30.0
                              28.0
                                    26.0
                                          23.2
                                                22.2
                                                      21.6
                                                                  20.6
                                                                        20.1
                        29.2
                                                            21.1
                                                                              19.7
                                    20.0
                                          20.9
                                                22.1
                                                      22.0
                                                            23.6
                                                                  22.5
##
    [6241]
           19.4
                  19.6
                        19.6
                              19.5
                                                                        22.8
                  22.7
                        22.1
                                                                              13.2
##
    [6253]
            22.8
                              20.5
                                    16.5
                                          14.6
                                                13.9
                                                      13.7
                                                            13.5
                                                                  13.5
                                                                        13.3
##
    [6265]
            13.3
                  13.2
                        12.3
                              11.9
                                    11.5
                                          12.7
                                                14.3
                                                      16.1
                                                            17.8
                                                                  19.2
                                                                        20.3
                                                                               21.1
    [6277]
                              20.7
                                          16.3 16.0
                                                      15.9
                                                            15.6
                                                                  15.3
                                                                              14.5
##
            21.5
                  21.6
                        21.4
                                    18.3
                                                                        15.0
##
    [6289]
           14.1
                 13.4
                        12.7
                              12.2
                                    10.7
                                          12.4 13.9 15.5 17.0
                                                                  18.4 19.7
                                                                               20.7
                                          17.7
##
    [6301]
           21.3
                  21.3
                        21.0
                              20.4
                                    19.4
                                                16.8
                                                      16.9
                                                            16.6
                                                                  15.8
                                                                        15.0
                                                                              14.5
##
            14.4
                  14.2
                        13.5
                              13.4
                                    14.1
                                          15.5
                                                16.8
                                                      17.8
                                                            18.8
                                                                  20.4
                                                                        19.7
                                                                               19.7
    [6313]
                                    15.8
##
    [6325]
            19.9
                  19.4
                        18.2
                              16.9
                                         15.0 14.8 14.3 14.2 14.2 14.1
                              13.5
##
    [6337]
            13.6
                 13.3
                        13.3
                                    13.0
                                          13.8 15.1 16.7
                                                            18.2 19.6 20.5
                                                                              21.4
##
    [6349]
            21.8 21.9 21.7 20.9
                                   18.2 16.8 16.8 16.0 15.8 15.1 14.4 14.0
```

```
13.4 13.2 13.3 12.9 15.7 16.5 17.7 18.9 19.7 19.3 19.6
##
           21.5
                 20.5
                       20.9
                            19.9
                                   18.5
                                         16.5
                                              15.4
                                                    14.6 13.9 13.3 12.9
    [6373]
                             12.5
                                   14.6
                                                    16.8 17.4 19.7
                                                                       21.0
##
    [6385]
           12.3
                 12.1
                       12.0
                                         15.8 16.9
                                                           15.6
##
    [6397]
           20.5
                 20.4
                       20.2
                             19.7
                                   19.2
                                         18.1
                                               16.7
                                                     15.9
                                                                15.3 15.0
##
    [6409]
           14.6
                 14.2
                       13.8
                             13.1
                                   11.0
                                         13.4
                                               15.5
                                                     17.5
                                                           19.4
                                                                 20.7
                                                                       21.7
    [6421]
           22.7
                 22.9
                       22.6
                             21.3
                                   18.6
                                        17.2 16.8 15.8 15.2 15.0 14.8
                                                                            14.8
##
                       14.9
                             15.3
                                   16.5
                                         17.4
                                               18.0 19.0 20.5
                                                                 21.6 22.3
    Γ64331
           14.7
                 14.3
    [6445]
           22.4
                 22.7
                       22.2
                                   20.3
                                         19.7
                                               19.3 18.6 18.5 18.1 18.0
##
                             21.4
                                                                            17.5
##
    [6457]
           16.8
                 16.3
                       16.2
                             16.1
                                   16.7
                                         17.1
                                               18.3
                                                     19.2 19.6 19.6
                                                                      18.8
                                               13.8 13.3
                                                          13.0 12.9
##
    [6469]
           19.6
                 19.1
                       18.2
                             17.2
                                   15.8
                                         14.7
                                                                      12.7
    [6481]
           12.2
                 12.0
                       11.9
                             11.8
                                   11.8
                                         12.3 13.9
                                                    15.7
                                                           17.6
                                                                 19.2
                                                                       20.3
                                                                             13.5
    [6493]
                 20.6
                       19.4
                             17.9
                                   16.0
                                         15.4
                                               15.0
                                                     15.4
                                                           14.9
                                                                 14.2
                                                                       13.8
##
           21.4
##
    [6505]
           13.4
                 13.2
                       13.0
                             11.7
                                   12.3
                                         12.7
                                               14.3
                                                     16.0
                                                           17.7
                                                                 18.9
                                                                       19.7
                                                                             20.0
    [6517]
           20.0
                 19.7
                       19.2
                             18.0
                                   16.7
                                         15.8 15.8
                                                    15.9
                                                                 14.5
##
                                                           14.7
                                                                      14.3
                                                                            14.8
           14.9
##
    [6529]
                 14.7
                       14.6
                             14.2
                                   12.4
                                         12.9
                                               14.1
                                                     14.7
                                                           15.0
                                                                 14.5
                                                                      13.8
                                                                             13.1
##
    [6541]
           12.9
                 14.3
                       15.5
                             15.3
                                   14.3
                                         13.8
                                               13.2
                                                     13.0
                                                           12.8
                                                                 12.3
                                                                       12.3
                                                                             11.8
##
    [6553]
           11.4
                       11.2
                             11.1
                                   11.5
                                         12.5 15.4
                                                    17.7
                                                           19.1
                                                                 20.2
                                                                       21.2
                                                                             21.6
                 11.2
##
    [6565]
           21.3
                 20.8
                       20.0
                             18.9
                                   16.3
                                         15.7 15.2
                                                    14.9
                                                           14.7
                                                                 14.5
                                                                      14.3
           13.8
    [6577]
                 13.6
                       13.6
                             13.6
                                   13.8
                                         14.8 17.9
                                                    19.7
                                                           20.9
                                                                 21.7
                                                                       22.2
                                                                             22.5
##
##
    [6589]
           22.5
                 22.3
                       22.0
                             21.0
                                   18.1
                                         16.8
                                               16.3
                                                     16.5
                                                           16.3
                                                                 16.0
                                                                      15.6
                                                                             15.3
##
    [6601]
           15.3
                 15.3
                       15.5
                             15.4
                                   15.6
                                         16.4 19.0
                                                     21.5
                                                           22.0
                                                                 22.2
                                                                       22.7
                                                                             24.1
    [6613]
           24.1
                 24.8
                       24.2
                             22.7
                                   21.6
                                         21.2 20.7
                                                     20.5
                                                           20.4
                                                                 19.5
                                                                      19.5
##
                                               22.0
                                                     21.7
                                                          24.6
##
    [6625]
           18.6
                 18.5
                       17.2
                             17.2
                                   18.7
                                         20.5
                                                                 24.8
                                                                       25.6
                                                                             25.8
    [6637]
           25.8
                 25.1
                       23.4
                             21.5
                                   21.0
                                         20.6
                                               20.2
                                                     20.1
                                                          19.5
                                                                 19.1
                                                                       20.1
                                                                             20.0
##
    [6649]
           19.9
                             18.9
                                         19.0 20.9
                                                     22.7
                                                           23.9
                                                                 24.6
                                                                      24.9
                                                                             24.8
##
                 19.6
                       19.3
                                   17.8
    [6661]
           24.5
                 23.6
                       22.6
                             21.4
                                   20.3
                                         19.8 19.6 19.5
                                                           19.2
                                                                 18.9
                                                                      18.9
##
    [6673]
           18.7
                 18.7
                       18.7
                             19.1
                                   19.3
                                         20.2
                                               20.3
                                                    19.8
                                                           20.3
                                                                 20.9
                                                                       20.1
                                                                             19.7
                             18.3
                                   17.1
                                         17.0
                                               16.8
                                                     16.4
                                                                 15.4 14.8
##
    [6685]
           19.5
                 19.7
                       19.1
                                                           15.6
                                                                             14.1
    [6697]
                                   12.9
##
           13.8
                 13.4
                       12.7
                             12.4
                                         13.8 16.7
                                                     17.9
                                                          18.7
                                                                 19.2 19.6
                                                                            19.6
##
    [6709]
           19.4
                 19.0
                       18.7
                             17.8
                                   16.3
                                         15.0
                                               14.1
                                                     13.4
                                                           12.8
                                                                 12.5
                                                                      12.3
                                                                             12.2
##
    [6721]
           12.1
                 12.1
                       12.3
                             12.8
                                   12.2
                                         13.4
                                               16.7
                                                     18.6
                                                           20.2
                                                                 21.3
                                                                       22.0
                                                                             22.4
##
    [6733]
           23.1
                 22.9
                       22.4
                             21.4
                                   18.6
                                         17.6 17.0
                                                     16.4
                                                           15.9
                                                                 15.6
                                                                       15.5
                                                                             15.3
                                         15.3 17.7
                                                     20.5
                                                           22.3
##
    [6745]
           15.0
                 14.7
                       14.4
                             14.2
                                   14.8
                                                                 23.5
                                                                       24.4
                                                                             24.8
    [6757]
           24.8
                 24.5
                       23.8
                             22.5
                                   20.6
                                         19.8 18.9 17.7
                                                           16.6
                                                                 15.5
                                                                      14.7
                                                                             15.0
##
                                                                       20.4
##
    [6769]
           15.1
                 14.0
                       13.2
                             13.6
                                   12.6
                                         14.0
                                               16.5
                                                     17.8
                                                           19.3
                                                                 20.2
                                                                             20.2
##
    [6781]
           20.0
                 19.7
                       19.1
                             18.2
                                   16.6
                                         16.3 16.1 15.3 14.5
                                                                13.9
                                                                      13.3
                                                                            12.8
##
    Γ67931
           12.6
                 12.4
                       12.4
                             12.2
                                   12.8
                                         13.3 15.3 17.3 18.7
                                                                 19.8 20.3 20.2
##
    [6805]
           19.8
                 19.6
                       19.0
                             17.8
                                   16.2
                                         15.7
                                               15.1 14.2 13.2 12.4 11.8
                                                                            11.5
##
    [6817]
           11.6
                 11.5
                       11.3
                             11.1
                                   10.9
                                         12.2
                                               15.0
                                                     16.7 18.1
                                                                 19.3
                                                                       20.1
                                                                             20.7
                                        15.2 15.0 14.6 13.9 13.3 12.8
##
    [6829]
           19.8
                 19.5
                       18.9
                             17.7
                                   15.8
                                                                            12.5
    [6841]
                 12.3
                       12.2
                             12.0
                                   11.8
                                         12.7
                                               15.1 16.9
                                                           18.2 19.1
           12.3
                                                                      19.7
##
    [6853]
           19.5
                 19.2
                       18.5
                             17.2
                                   15.9
                                         15.3 14.4
                                                    13.7
                                                          13.1
                                                                12.8 12.6
                                                                            12.3
                             12.0
                                         13.1
                                                     17.0
##
    [6865]
           12.2
                 12.1
                       12.0
                                   12.1
                                               15.3
                                                           18.5
                                                                 19.1 19.7
           20.2
                 20.0
                                         16.0
                                               15.4
                                                                13.6 13.2
##
    [6877]
                       19.5
                             18.3
                                   16.7
                                                    14.8 14.2
                                                                            13.1
    [6889]
                                               14.5
                                                     15.4
                                                          16.5
##
           13.1
                 12.8
                       12.6
                             12.9
                                   13.7
                                         13.9
                                                                 17.8
                                                                      19.5
                                         17.4
                                               16.2
                                                     15.2
##
    [6901]
           23.5
                 23.5
                       23.0
                             21.7
                                   18.8
                                                           14.3
                                                                 13.6
                                                                      13.1
                                                                             12.6
                                                     17.5
##
    [6913]
           12.2
                 12.2
                       13.0
                             13.2
                                   13.9
                                         14.6
                                               16.2
                                                           19.0
                                                                 20.0
                                                                       20.9
                                                                             21.4
    [6925]
                             20.4
                                   18.6
                                         17.1
                                               16.5
                                                     16.2
                                                           15.8
                                                                 15.7
                                                                      15.5
                                                                             15.3
##
           21.8
                 21.7
                       21.3
##
    [6937]
           14.8
                 14.4
                       14.2
                             14.1
                                   14.0
                                         14.9
                                               17.4 19.9
                                                           21.8
                                                                 23.1
                                                                       23.9
                                                                             24.5
                             21.0
                                                           15.8
##
    [6949]
           24.3
                 23.6
                       22.7
                                   18.5
                                         17.3
                                               16.4
                                                     15.9
                                                                 15.8
                                                                       15.9
                                                                             15.6
##
    [6961]
           15.3
                 14.9
                       14.9
                             14.7
                                   14.9
                                         15.0 17.8
                                                     20.5
                                                           22.2
                                                                 23.5
                                                                       24.3
                                                                             24.4
                                   18.2 17.1 16.4 15.9 15.6
##
    [6973]
           23.7
                 22.9
                       22.0
                             20.5
                                                                15.5
                                                                      15.7
##
    [6985]
           15.3
                 15.2
                       15.2 15.2
                                  15.5
                                        16.4 19.2 19.8 20.2 20.5 20.1
                                                                            18.9
    [6997]
##
           18.1 17.7 17.1 16.0 15.2 14.8 14.9 14.6 14.6 14.8 14.7
                                                                            14.6
```

```
14.5 14.2 14.2 14.2 14.9 14.9 15.9 16.9 17.6 19.0 19.6 19.9
##
   [7021]
           19.9
                19.9
                      18.0 18.2
                                 17.3
                                       17.1 16.9 16.5 15.9 15.5 15.3
           14.3
                14.2
##
   [7033]
                      13.8 13.4
                                 12.9
                                       13.8 16.3 17.6 18.7 19.5 20.1
                      20.3
                                       16.6 15.9 15.4 14.8 14.2 13.7
##
   [7045]
           21.2
                21.0
                           18.9
                                 17.4
##
   [7057]
           13.3
                13.4
                      14.0
                            13.7
                                 13.3
                                       13.7
                                             14.9
                                                  16.5 17.9 18.6 19.2
##
   [7069]
          19.8
                19.4
                     18.7
                           17.1
                                 15.7
                                       15.2 14.7 14.1 13.4 12.8 12.2 11.9
   [7081]
                           11.2
                                 12.4
                                       11.9 13.8 15.7 17.6 18.1 18.4
           11.7
                11.5
                      11.4
   [7093]
           19.4 19.1
                      18.4
                           16.9
                                 15.7
                                       15.3 14.8 14.3 13.8 13.5 13.2 12.7
##
   [7105]
##
           12.2
                11.6
                      11.3
                           11.1
                                 11.9
                                       12.3 14.4 16.3 16.7 18.0 18.4
##
                           16.5
                                 15.3
                                      14.9 14.1 13.3 12.6 11.8 11.0
                                                                        10.4
   [7117]
           19.1
                18.8
                      18.0
   [7129]
            9.9
                 9.5
                       9.3
                             9.1
                                  9.0
                                        9.4 12.5
                                                  14.4 16.3 16.8 17.2 16.6
                                                                         10.2
   [7141]
           16.4
                16.9
                      16.2
                            14.8
                                 13.7
                                       13.3
                                            12.7
                                                  11.9 11.2 10.8 10.5
##
##
   [7153]
           9.9
                 9.6
                      10.5
                            10.2
                                 11.3
                                       11.3
                                            12.0
                                                  12.5 12.7
                                                              13.2 13.6
                                                                        13.9
   [7165]
           18.2
                            16.4
                                 15.8
                                       15.3
                                            14.8 14.3 13.8 13.4 13.0 12.4
##
                18.0
                      17.2
##
   [7177]
           12.0
                11.5
                      11.0
                            10.8
                                  9.3
                                        9.0
                                              9.7 10.7 11.9
                                                             13.1 15.0 17.2
##
   [7189]
           17.6
                17.9
                     17.6
                           14.8
                                 14.6
                                       14.2 14.1
                                                  13.1 12.4 11.7
                                                                   11.3
                                                                        11.2
##
   [7201]
                11.1 11.2
                           11.3
                                 11.0
                                       10.9 11.1 11.5 11.8 11.9 12.3
                                                                        12.9
           11.1
##
   [7213]
           13.5
                13.7
                      13.6
                           13.4
                                 12.8
                                       12.7 12.6 11.8 11.7 11.6 11.3
   [7225]
           10.6
                10.3
                      11.4
                           12.1
                                 12.8
                                       13.0 13.5 14.0 14.9 16.7 17.8 18.5
##
##
   [7237]
           18.9
                18.8
                      18.4
                            17.1
                                 15.9
                                       15.0 14.3
                                                  13.5 12.7
                                                              12.2 11.5
                                                                         10.8
##
   [7249]
           10.2
                 9.7
                       9.2
                             8.8
                                 10.0
                                        9.9 12.7
                                                  15.3 17.5 19.2 20.6 21.2
##
   [7261]
           20.9
                20.6
                      20.3
                            18.2
                                 16.9 15.8 14.7
                                                  14.4 14.7
                                                             14.8 14.6
##
   [7273]
           14.1
                13.7
                      14.0
                           13.8
                                 13.4
                                      13.4 15.4 18.8 21.3 22.6 23.4
                                                                        23.6
   [7285]
           23.1
                22.8
                      21.8
                            19.5
                                 17.1
                                       16.6
                                             16.4
                                                  16.1 16.0 16.0 15.5
##
                                 16.1
##
                                      17.0 20.0 22.0 23.6 24.3 24.9
                                                                         24.9
   [7297]
           15.4
                15.7
                      15.3
                            16.3
                      22.9
                            20.5
   [7309]
           24.7
                24.1
                                 18.3
                                       17.7 17.2 17.1 17.1 16.5 16.6
##
   [7321]
           16.2
                16.1
                      15.6
                            15.4
                                 17.4
                                       16.9
                                             18.8
                                                  21.8
                                                        24.1
                                                              25.7
                                                                   26.4
                                                                         26.5
           26.5
                25.7
                            22.6
                                 21.4
                                       21.0
                                            20.7
                                                  20.9
                                                              20.4 19.6
##
   [7333]
                      24.9
                                                        21.1
                                                                         18.5
                                            18.2 22.0 24.8 26.4 27.4
##
   [7345]
           18.2
                18.4
                      18.2
                            17.7
                                 17.1
                                       16.7
                                                                         28.0
                                 19.8
##
   [7357]
           27.4
                26.7
                      25.3
                            22.2
                                       18.4 17.5 16.8 16.1
                                                              15.5 15.4
                                                                         15.5
##
   [7369]
           15.4
                15.2
                      14.9
                            14.7
                                 15.1
                                       14.7
                                             17.0
                                                  19.5
                                                        21.2
                                                              22.4
                                                                   23.3
                                                                         23.8
##
   [7381]
           24.1
                24.0
                      23.3
                            20.7
                                 18.3
                                       17.3 16.8 16.0 15.2 14.4 13.7
                                                                         13.2
                                      14.0 15.1 16.5 17.7 18.8 19.5
##
   [7393]
           13.5
                13.3
                      13.2
                            13.0
                                 13.8
                      18.8
   [7405]
           20.0
                19.8
                            17.0
                                 16.0
                                       15.4 14.7 14.0 13.7 13.5 13.1
                                                                        12.8
##
##
   [7417]
           12.4
                12.1
                      11.8
                            11.5
                                 12.5
                                       12.5
                                            13.0 14.1 15.7
                                                              17.7
                                                                   19.5
                                                                         20.7
                                                                         10.9
##
   [7429]
           22.2 22.3
                      21.6
                           19.2
                                 17.9
                                       16.6 15.5 14.4 13.2 12.2 11.5
##
   [7441]
           10.3
                 9.6
                       9.1
                             9.0
                                 11.5
                                       11.3 12.9 15.1 17.0 18.5 19.7 20.3
##
   [7453]
           20.0 19.3
                     18.4
                           15.9
                                 14.6
                                       14.1 13.2 12.3 12.1 12.2 12.0 12.4
##
   [7465]
           11.9
                11.5
                      11.4
                            11.5
                                 12.8
                                       13.0
                                             13.9
                                                  14.7 15.6 16.4 17.0
                                                                        17.6
           17.7
##
   [7477]
                17.4
                      16.7
                           14.9
                                 14.4
                                      13.9 13.6 13.3 12.9 12.7 12.4
                                                                        12.2
                11.7
                      11.5
                           11.2
                                 12.7
                                       12.6 13.5 14.4 15.1 16.0 16.5
   [7489]
          12.0
##
   [7501]
           16.3 15.8 14.9
                           13.3
                                 12.7
                                       12.2 11.7 11.4 11.0 11.5 11.6
                                                                         11.4
                            10.9
                                 12.5
                                       12.5
##
   [7513]
           11.2
                11.1
                      10.9
                                            13.4
                                                  14.3 14.1 15.2 15.9
                                                                         16.7
##
           17.0
                                 14.8
                                      14.3 13.8 13.4 13.0 12.3 11.4
   [7525]
                17.1
                      16.3
                            15.1
                                                                        10.9
   [7537]
                                 12.3
                                       12.2 12.6 13.6 15.0 16.3 16.5
           10.6
                10.3
                       9.8
                             9.6
   [7549]
                                       13.2
                                             12.7
                                                  13.3 13.1 12.7 12.0
##
           17.1
                16.8
                      16.2
                            14.5
                                 13.7
                                                                        11.7
##
   [7561]
           11.3
                11.0
                       9.7
                             9.3
                                 12.2
                                       11.7
                                            12.3
                                                  13.5
                                                        15.1
                                                              16.4 16.2
                                                                        17.1
##
   [7573]
                16.7
                                 13.3
                                      12.9 12.2 11.4 10.9 10.6 10.3 10.2
           17.1
                      15.8
                            13.8
           10.3
##
   [7585]
                10.9
                      10.9
                            10.8
                                 10.7
                                       10.3 11.4 12.8 14.1 14.9 15.4 16.1
##
   [7597]
           16.3
                16.2
                      15.5
                            12.9
                                 11.4
                                       12.8 13.1
                                                  13.0 12.7
                                                              12.2 11.7
                                                                         11.1
##
   [7609]
            9.9
                 9.8
                      11.0
                            11.2
                                 11.9
                                       11.7
                                            11.9
                                                  12.6
                                                        13.5
                                                              14.4
                                                                   15.0 16.0
##
   [7621]
           15.3
                15.1
                      14.8
                            13.0
                                 12.0
                                       11.1
                                            10.4
                                                   9.7
                                                         9.3
                                                               9.0
                                                                    8.5
                                                                          8.2
##
   [7633]
            7.9
                 7.7
                       8.2
                             8.6
                                  8.8
                                        8.8
                                              9.7 10.7 11.8 13.1 15.0 15.9
   [7645]
           16.5 16.5 16.0 14.8 14.1 13.4 12.7 11.2 10.3
##
                                                               9.7
                                                                    9.0 10.0
```

```
10.2 10.3 10.4 10.4
                                       8.6
                                             8.3
                                                    9.8 11.2 12.6 13.9 14.6
##
    [7669]
            15.2
                   14.8
                         13.8
                               11.6
                                      10.7
                                            10.1
                                                    9.6
                                                          9.0
                                                                 8.7
                                                                       8.4
                                                                             8.5
                                                         12.2
                                                                13.0
##
    [7681]
             8.8
                    9.3
                          9.3
                                 9.0
                                       9.3
                                             9.9
                                                   11.1
                                                                      14.2
                                                                            14.7
                                                         10.6
                                                                10.0
##
    [7693]
            14.8
                   15.0
                         14.4
                               11.7
                                      10.8
                                            10.7
                                                   11.1
                                                                       9.7
                                                                             9.4
                                                                                    9.2
##
    [7705]
             9.0
                    9.1
                          8.9
                                8.7
                                       8.6
                                             8.7
                                                    9.4
                                                         11.0
                                                                13.2
                                                                      15.3
                                                                            16.2
                                                                                   16.6
##
    [7717]
            17.9
                  17.4
                         16.4
                               13.9
                                      12.5
                                            12.1
                                                  12.3
                                                         12.3
                                                                12.4
                                                                      12.4
                                                                           12.9
                                                                                   13.1
    [7729]
            12.4
                         10.3
                                 9.9
                                       9.0
                                             9.1
                                                    9.2
                                                          9.3
                                                                 9.7
                                                                      10.3
                                                                            10.8
                   11.1
    [7741]
                         11.3
                                      10.5
                                            10.5
                                                   10.5
                                                         10.5
                                                                10.6
                                                                      10.7 10.8
##
            11.7
                   11.6
                               10.8
                                                                                   10.9
##
    [7753]
            11.0
                   11.1
                         11.3
                               11.5
                                      10.7
                                            10.9
                                                   11.3
                                                         11.5
                                                                11.3
                                                                      11.6
                                                                            12.3
##
    [7765]
            12.1
                   12.0
                         12.1
                                11.6
                                      11.7
                                            11.7
                                                   11.7
                                                         11.7
                                                                11.8
                                                                      11.8
                                                                           12.1
    [7777]
            12.0
                   11.5
                         11.0
                                10.7
                                       9.5
                                             9.5
                                                    9.9
                                                         10.7
                                                                11.2
                                                                      11.8
                                                                            12.8
    [7789]
            14.0
                   14.5
                         13.8
                                11.2
                                      10.1
                                             9.8
                                                   11.0
                                                         10.5
                                                                 9.9
                                                                       9.8
                                                                             9.6
                                                                                    9.2
##
##
    [7801]
             9.1
                    9.7
                          9.7
                                 9.9
                                       9.5
                                            11.3
                                                   12.6
                                                         14.6
                                                                15.3
                                                                      16.0
                                                                            16.4
                                                                                   16.4
    [7813]
            16.2
                   15.9
                         15.3
                                14.3
                                      14.1
                                                         14.3
                                                                                   13.8
##
                                            14.5
                                                   14.2
                                                                14.4
                                                                      14.3
                                                                            14.1
##
    [7825]
            13.8
                   14.1
                         14.3
                                14.3
                                      15.4
                                            15.2
                                                   16.1
                                                         17.0
                                                                17.8
                                                                      17.9
                                                                            18.5
                                                                                   16.2
##
    [7837]
            16.8
                   17.1
                         16.5
                                16.2
                                      15.9
                                            12.8
                                                   11.7
                                                         10.8
                                                                10.3
                                                                       9.5
                                                                             8.6
                                                                                    6.3
##
    [7849]
             5.1
                    5.0
                          5.6
                                5.8
                                       4.1
                                             4.0
                                                    5.1
                                                          7.0
                                                                 8.5
                                                                            10.8
                                                                                   11.2
                                                                       9.8
##
    [7861]
            10.5
                    9.7
                          9.0
                                 8.1
                                       7.8
                                             7.6
                                                    7.3
                                                          7.0
                                                                 6.0
                                                                       6.0
                                                                              6.2
                                                                                    5.7
    [7873]
             4.7
                    4.3
                          3.8
                                3.1
                                       3.1
                                             3.3
                                                    4.6
                                                          6.0
                                                                 7.4
                                                                       8.8
                                                                              9.7
                                                                                   10.7
##
##
    [7885]
            11.1
                   11.5
                         11.2
                                9.7
                                       9.3
                                             9.7
                                                    9.8
                                                          9.9
                                                                10.2
                                                                      10.1
                                                                             9.3
                                                                                    9.1
##
    [7897]
             9.1
                    9.3
                         11.7
                                12.9
                                      12.8
                                            13.1
                                                   14.6
                                                         16.9
                                                                18.6
                                                                      19.9
                                                                            20.6
                                                                                   21.0
##
    [7909]
            21.1
                   20.7
                         19.7
                                18.1
                                      17.2
                                            16.8
                                                   16.5
                                                         16.2
                                                                16.1
                                                                      16.0
                                                                            15.9
##
    [7921]
            15.7
                   15.6
                         15.5
                               15.4
                                      16.6
                                            16.6
                                                   16.9
                                                         17.9
                                                                17.8
                                                                      17.8
                                                                            19.1
                                                                                   19.9
    [7933]
            19.9
                   19.5
                         18.5
                                16.9
                                      15.8
                                            15.2
                                                   15.2
                                                         15.4
                                                                 9.7
                                                                      10.8
                                                                            10.1
                                                                                    9.7
##
                                                                             9.7
                                                                                    9.7
##
    [7945]
             8.5
                    8.1
                          7.7
                                7.3
                                       7.6
                                             7.3
                                                    7.1
                                                          7.5
                                                                 8.3
                                                                       9.1
    [7957]
             9.6
                    9.5
                          8.7
                                 7.2
                                       6.8
                                             6.4
                                                    6.4
                                                          7.0
                                                                 7.0
                                                                       6.2
                                                                              4.3
                                                                                    3.9
##
    [7969]
             3.5
                    3.1
                          2.7
                                 2.3
                                       1.0
                                             0.7
                                                    2.3
                                                          4.6
                                                                 6.2
                                                                       7.3
                                                                              7.9
                                                                                    8.4
    [7981]
             8.5
                    8.3
                          7.9
                                 6.6
                                       7.2
                                             7.5
                                                    7.6
                                                          7.7
                                                                 7.8
                                                                       7.1
                                                                              5.9
##
                                                                                    6.4
    [7993]
             6.5
                                 6.9
                                       7.2
##
                    6.7
                          7.1
                                             7.0
                                                    7.9
                                                         10.1
                                                                12.2
                                                                      13.4
                                                                            14.5
                                                                                   15.6
                                      11.2
##
    [8005]
            15.4
                   15.3
                         14.3
                                12.4
                                            11.2
                                                   11.8
                                                         12.5
                                                                13.1
                                                                      13.3
                                                                            13.3
##
    [8017]
            13.7
                   14.0
                         13.8
                                13.6
                                      12.4
                                            12.4
                                                   13.0
                                                         14.6
                                                                16.0
                                                                      16.4
                                                                            17.6
                                                                                   17.8
##
    [8029]
            17.7
                   17.0
                         16.2
                               14.0
                                      13.4
                                            13.3
                                                  13.0
                                                         13.0
                                                                12.7
                                                                      12.5
                                                                            12.2
                                                                                   12.1
##
    [8041]
            12.3
                   12.3
                         12.3
                               12.2
                                      11.7
                                            11.3
                                                  11.7
                                                         14.4
                                                                16.1
                                                                      17.2
                                                                            18.2
                                                                                   18.7
    [8053]
            18.6
                   18.2
                         17.4
                               15.4
                                      15.0
                                            14.2 13.7
                                                         12.8
                                                               12.3
                                                                      12.1
##
                                                                            11.9
                                                                                   11.7
##
    [8065]
            11.8
                   12.0
                         11.9
                               11.7
                                      11.4
                                            11.1
                                                   12.4
                                                         15.5
                                                                18.0
                                                                      19.4
                                                                            19.4
                                                                                   20.5
##
    [8077]
            20.5
                   19.9
                         19.3
                               17.9
                                      16.2
                                            15.5
                                                  14.9
                                                         15.0
                                                                14.6 14.3 14.5
                                                                                   14.9
##
    [8089]
            14.5
                   14.2
                         14.0
                               14.0
                                      13.5
                                            13.6
                                                  13.4
                                                         15.7
                                                                18.4
                                                                      20.1
                                                                            21.5
##
    [8101]
            23.7
                   23.6
                         22.2
                               20.3
                                      19.5
                                            18.7
                                                   17.7
                                                         16.8
                                                                16.2
                                                                      15.4
                                                                            14.8
                                                                                   14.5
##
    [8113]
            14.2
                   13.9
                         13.6
                               13.5
                                      13.5
                                            13.6
                                                   14.2
                                                         15.4
                                                                19.0
                                                                      21.5
                                                                            22.0
                                                                                   23.5
##
    [8125]
            22.3
                   21.5
                         20.2
                               19.0
                                      18.4
                                            17.9
                                                  17.5
                                                         17.2
                                                               16.7
                                                                      16.4
                                                                            16.3
                                                                                   15.9
    [8137]
                               14.4
                                      15.3
                                            15.0
                                                   15.3
                                                         16.6
                                                                17.6
                                                                      18.2
            15.5
                   15.1
                         14.7
                                                                            18.4
    [8149]
            18.4
                   17.8
                         16.7
                               15.0
                                      14.3
                                            13.8
                                                  13.2 12.8
                                                               12.8
                                                                      12.7
                                                                            12.5
                                                                                   12.3
##
                                      12.4
                                            13.5
                                                   14.4
                                                                17.2
                                                                            19.8
##
    [8161]
            12.0
                   11.5
                         11.0
                               10.8
                                                         16.1
                                                                      18.7
                                                                                   19.8
                               16.6
                                      16.5
                                            16.0
                                                  15.5
                                                                            15.5
##
    [8173]
            19.3
                   18.9
                         18.8
                                                         15.7
                                                                15.7
                                                                      15.7
                                                                                   15.4
                                      15.3
                                                         15.9
                                                                16.0
                                                                      12.1
##
    [8185]
            15.5
                   15.3
                         15.1
                                15.0
                                            15.1
                                                   15.4
                                                                            13.3
                                      12.8
                                                                      12.2
##
    [8197]
            14.5
                   14.7
                         14.1
                                12.7
                                            12.3
                                                   12.9
                                                         11.3
                                                                10.7
                                                                            10.5
                                                                                    9.7
##
    [8209]
             9.3
                    7.6
                          6.6
                                7.9
                                       8.0
                                             8.0
                                                    8.4
                                                          9.1
                                                                 9.4
                                                                      10.2
                                                                            10.6
                                                                                   10.9
##
    [8221]
                                                    9.2
                                                          9.3
                                                                 7.7
                                                                       7.3
                                                                              6.0
                                                                                    5.5
            11.3
                   11.3
                         10.8
                                 9.9
                                       9.5
                                             9.6
##
    [8233]
             4.6
                    4.1
                          4.7
                                 3.8
                                       6.6
                                             6.5
                                                    6.7
                                                          7.3
                                                                 7.9
                                                                       8.7
                                                                              9.5
                                                                                  10.0
##
    [8245]
            10.1
                   10.0
                          9.5
                                7.9
                                       7.5
                                             7.0
                                                    6.6
                                                          6.1
                                                                 5.6
                                                                       5.2
                                                                              4.8
                                                                                    4.2
##
    [8257]
             3.7
                    3.1
                          2.7
                                 2.3
                                       3.6
                                                    3.5
                                                          6.3
                                                                 8.3
                                                                       9.6
                                                                            10.7
                                                                                   11.4
                                             3.1
##
    [8269]
            11.5
                   11.2
                         10.5
                                 9.1
                                       8.5
                                             7.0
                                                    6.0
                                                          5.9
                                                                 6.1
                                                                       5.7
                                                                              5.4
                                                                                    5.3
                                                                                  13.5
##
    [8281]
             4.9
                    5.1
                          5.1
                                 5.1
                                       4.7
                                             4.9
                                                    5.4
                                                          7.6
                                                                10.2
                                                                      12.0
                                                                            13.1
    [8293]
                                             7.8
##
            13.5
                   12.8 11.1
                                 8.8
                                       8.3
                                                    8.0
                                                          8.0
                                                                 8.0
                                                                       7.9
                                                                             8.1
                                                                                    8.3
```

```
9.2 10.6 10.8 11.1
##
    [8305]
              8.5
                     8.4
                            8.0
                                   8.0
                                          5.7
                                                 5.7
                                                        6.5
                           11.9
##
    [8317]
             12.0
                    11.7
                                  10.8
                                          9.5
                                                 9.5
                                                        9.8
                                                              10.1
                                                                     10.3
                                                                            10.3
                                                                                   10.3
##
    [8329]
             10.2
                     9.8
                            8.8
                                   9.2
                                          9.3
                                                10.1
                                                       11.1
                                                              13.0
                                                                     14.7
                                                                            15.5
                                                                                   16.0
                                                                     12.2
    [8341]
             16.4
                    15.9
                           15.3
                                  14.0
                                         13.1
                                                12.6
                                                       13.2
                                                              12.9
                                                                            11.9
                                                                                   11.9
                                                                                         11.3
##
                                                                                         14.6
##
    [8353]
             10.5
                    11.1
                            9.9
                                   9.7
                                          8.8
                                                 9.1
                                                        9.0
                                                              11.0
                                                                     13.9
                                                                            14.4
                                                                                   14.6
    [8365]
             15.3
                    14.6
                           13.5
                                  12.0
                                         11.3
                                                11.3
                                                       11.1
                                                              11.2
                                                                     11.1
                                                                            11.1
                                                                                   11.0
                                                                                         10.9
##
                    10.8
                           10.5
                                  10.4
                                          9.2
                                                 8.9
                                                        9.6
                                                              11.4
                                                                     12.9
                                                                            13.8
                                                                                   14.2
##
    [8377]
             10.8
                           12.4
                                                              10.2
                                                                      9.9
##
    [8389]
             13.5
                    13.0
                                  11.5
                                         11.0
                                                10.9
                                                       10.4
                                                                             9.5
                                                                                    9.1
                                                                                           8.9
##
    [8401]
              8.8
                     8.5
                            8.5
                                   8.5
                                          8.6
                                                 8.7
                                                        9.1
                                                              10.0
                                                                     10.8
                                                                            11.4
                                                                                   11.9
                                                                                         12.2
                                                               8.5
                                                                                    8.0
##
    [8413]
             12.2
                    11.9
                           11.1
                                   9.9
                                          9.5
                                                 9.1
                                                        8.8
                                                                      8.4
                                                                             8.2
                                                                                           7.9
##
    [8425]
              7.5
                     8.0
                            7.9
                                   7.5
                                          6.7
                                                 6.4
                                                        6.9
                                                               9.4
                                                                     11.6
                                                                            13.4
                                                                                  15.4
                                                                                         16.2
    [8437]
             12.9
                    13.3
                           14.2
                                  13.0
                                         11.4
                                                10.8
                                                       11.0
                                                              11.2
                                                                     11.0
                                                                            11.3
                                                                                   11.6
                                                                                         11.1
##
##
    [8449]
             11.0
                    10.7
                           10.9
                                  11.3
                                         11.5
                                                11.7
                                                       12.1
                                                              14.6
                                                                     17.9
                                                                            19.6
                                                                                   20.0
                                                                                         18.8
             18.4
                    17.6
                           15.0
                                  13.8
                                         13.2
                                                13.9
                                                                            12.0
##
    [8461]
                                                       13.7
                                                              13.5
                                                                     12.4
                                                                                   11.7
                                                                                         11.2
##
    [8473]
             10.8
                    10.6
                           10.5
                                  10.1
                                         10.7
                                                11.1
                                                       11.7
                                                              14.2
                                                                     15.8
                                                                            16.6
                                                                                   16.0
                                                                                         15.9
##
    [8485]
             16.5
                    16.6
                           15.7
                                  14.7
                                         14.0
                                                13.7
                                                       13.4
                                                              13.2
                                                                     12.5
                                                                            12.8
                                                                                   12.6
                                                                                         11.0
##
                    10.2
                            9.8
                                   9.7
                                         12.2
                                                11.6
                                                       11.0
                                                              11.6
                                                                     11.7
                                                                            10.8
                                                                                   10.8
                                                                                         11.5
    [8497]
             10.5
##
    [8509]
             11.1
                    10.6
                           10.2
                                   9.1
                                          9.0
                                                 8.8
                                                        8.6
                                                               8.0
                                                                      7.0
                                                                             7.1
                                                                                    7.1
                                                                                           7.9
    [8521]
                                                               7.2
                                                                      7.7
                                                                                           8.7
##
              7.5
                     6.8
                            6.3
                                   6.1
                                          4.5
                                                 5.1
                                                        5.8
                                                                             8.0
                                                                                    8.3
##
    [8533]
              8.8
                     8.5
                            8.1
                                   7.5
                                          7.2
                                                 6.9
                                                        6.6
                                                               6.3
                                                                      6.0
                                                                             5.6
                                                                                    5.3
                                                                                           5.0
##
    [8545]
              4.8
                      4.7
                            4.6
                                   4.6
                                          5.7
                                                 5.3
                                                        5.2
                                                               5.7
                                                                      6.5
                                                                             7.4
                                                                                    7.9
                                                                                           8.0
##
    [8557]
              8.0
                      7.6
                            7.3
                                                 4.7
                                                        4.3
                                                               3.9
                                                                      3.5
                                                                             3.2
                                                                                    2.7
                                                                                           2.3
                                   5.7
                                          5.1
                                                                             7.0
##
    [8569]
                      1.4
                                                 1.2
                                                        2.3
                                                               4.9
                                                                      6.1
                                                                                    7.2
                                                                                           8.3
              1.8
                            1.1
                                   0.7
                                          1.4
    [8581]
              8.5
                      8.0
                            7.9
                                          5.2
                                                                      7.5
                                                                                    6.2
                                                                                           5.6
##
                                   6.0
                                                 5.1
                                                        6.9
                                                               6.1
                                                                             6.9
                      4.3
                                                 2.2
                                                                                    5.9
##
    [8593]
              4.7
                            3.8
                                   3.4
                                          1.6
                                                        1.7
                                                               1.5
                                                                      2.2
                                                                             3.9
                                                                                           7.1
##
    [8605]
              6.0
                      6.1
                            5.2
                                   2.8
                                          1.6
                                                 1.4
                                                        1.8
                                                               2.2
                                                                      2.3
                                                                             2.4
                                                                                    2.3
                                                                                           2.2
##
    [8617]
              2.2
                      2.2
                            2.0
                                   1.8
                                         -0.6
                                                -0.2
                                                        0.6
                                                               2.9
                                                                      4.2
                                                                             5.4
                                                                                    6.1
                                                                                           6.6
              6.9
##
    [8629]
                      6.8
                            6.5
                                   5.3
                                          4.3
                                                 3.6
                                                        3.3
                                                               3.7
                                                                      4.6
                                                                             4.4
                                                                                    4.3
                                                                                           4.3
##
    [8641]
              4.6
                      4.9
                            4.9
                                   5.0
                                          0.7
                                                 1.0
                                                        1.2
                                                               4.0
                                                                      6.2
                                                                             7.6
                                                                                    8.3
                                                                                           8.6
##
    [8653]
              3.7
                      3.5
                            3.2
                                   2.9
                                          2.8
                                                 2.9
                                                        2.9
                                                               2.9
                                                                      2.8
                                                                             2.8
                                                                                    2.6
                                                                                           2.4
##
    [8665]
              2.2
                      2.1
                            1.9
                                   1.6
                                          1.9
                                                 1.8
                                                        1.8
                                                               2.4
                                                                      3.0
                                                                             3.6
                                                                                    4.0
                                                                                           4.7
##
    [8677]
              4.4
                      4.0
                            3.7
                                   3.4
                                          3.1
                                                 2.6
                                                        2.0
                                                               1.3
                                                                      1.5
                                                                             1.9
                                                                                    1.7
                                                                                           1.0
              0.5
##
    [8689]
                    -0.2
                           -0.5
                                  -0.3
                                         -0.7
                                                -0.9
                                                       -1.1
                                                              -0.9
                                                                     -0.4
                                                                             0.3
                                                                                    1.0
                                                                                           2.0
    [8701]
                     2.0
                            2.4
                                   2.6
                                                        3.2
                                                               3.1
                                                                      2.6
                                                                             2.0
                                                                                           0.7
##
              1.7
                                          2.8
                                                 3.0
                                                                                    1.3
##
    [8713]
              0.0
                    -0.6
                           -1.0
                                  -1.2
                                         -1.7
                                                -2.0
                                                       -2.4
                                                              -1.2
                                                                      0.1
                                                                             1.4
                                                                                    2.7
                                                                                           3.3
##
    [8725]
                     3.7
                            3.1
                                   1.6
                                          0.9
                                                 0.4
                                                        0.1
                                                              -0.1
                                                                     -0.9
                                                                            -1.2
                                                                                   -1.1
                                                                                          -0.6
              3.7
##
    [8737]
             -0.4
                    -0.6
                           -1.2
                                  -1.9
                                         -3.4
                                                -3.6
                                                       -3.7
                                                              -2.5
                                                                     -1.0
                                                                             0.1
                                                                                    1.4
                                                                                           2.0
##
    [8749]
              2.3
                      2.1
                            1.3
                                  -0.3
                                         -1.0
                                                -1.3
                                                       -1.5
                                                              -1.7
                                                                     -1.8
                                                                            -1.7
                                                                                   -1.6
                                                                                          -1.7
##
    [8761]
             -1.8
                    -1.9
                           -2.0
                                  -2.0
                                         -3.3
                                                -3.3
                                                       -2.6
                                                              -0.5
                                                                      0.8
                                                                             2.0
                                                                                    2.9
                                                                                           3.4
                     3.7
##
              3.7
                            3.3
                                   1.1
                                          0.3
                                                 0.3
                                                        0.2
                                                               0.0
                                                                     -0.1
                                                                            -0.2
                                                                                   -0.3
                                                                                          -0.5
    [8773]
    [8785]
             -0.6
                    -0.8
                           -0.9
                                  -1.1
                                         -1.1
                                                -1.2
                                                       -1.2
                                                               1.0
                                                                      3.0
                                                                             4.6
                                                                                    6.0
                                                                                           7.2
##
##
    [8797]
              7.9
                     7.1
                            6.0
                                   5.0
                                          4.4
                                                 4.0
                                                        3.7
                                                               3.4
                                                                      3.2
                                                                             3.0
                                                                                    3.0
                                                                                           3.0
    [8809]
##
              3.1
                      3.7
                            4.1
                                   4.2
                                          6.7
                                                 6.8
                                                        6.9
                                                               7.6
                                                                      8.9
                                                                             8.6
                                                                                    9.6
                                                                                           8.4
##
    [8821]
              9.1
                      9.4
                            9.3
                                   9.6
                                          4.4
                                                 4.2
                                                        3.8
                                                               3.6
                                                                      3.3
                                                                             2.9
                                                                                    2.8
                                                                                           2.7
    [8833]
              2.7
##
                      2.8
                            2.9
                                   3.1
                                          2.8
                                                 3.3
                                                        3.9
                                                               4.5
                                                                      4.4
                                                                             4.3
                                                                                    4.3
                                                                                           4.5
                                                                                           2.4
##
    [8845]
              4.1
                      3.7
                            3.0
                                   1.9
                                          1.3
                                                 1.0
                                                        1.0
                                                               1.3
                                                                      1.7
                                                                             1.6
                                                                                    1.8
##
    [8857]
              2.9
                      3.1
                            3.1
                                   3.3
                                          3.6
                                                 4.0
                                                        4.5
                                                               5.4
                                                                      6.0
                                                                             6.5
                                                                                    6.4
                                                                                           4.6
              3.4
                                                               2.7
                                                                                    2.4
                                                                                           2.4
##
    [8869]
                      3.7
                            3.4
                                   3.0
                                          3.0
                                                 3.0
                                                        2.8
                                                                      2.5
                                                                             2.4
                                                        1.4
##
    [8881]
              2.7
                      2.6
                            2.6
                                   2.5
                                          1.5
                                                 1.2
                                                               1.3
                                                                      1.9
                                                                             2.3
                                                                                    3.1
                                                                                           3.8
##
    [8893]
              4.4
                      4.7
                            4.6
                                   4.2
                                          4.3
                                                 4.2
                                                        4.1
                                                               4.1
                                                                      4.2
                                                                             4.4
                                                                                    4.6
                                                                                           4.3
##
    [8905]
              3.8
                     3.2
                                   2.9
                                                 2.5
                                                        3.1
                                                                      4.5
                                                                             5.7
                            3.1
                                          2.6
                                                               3.8
                                                                                    6.3
                                                                                           6.6
##
    [8917]
              7.4
                      7.7
                            7.2
                                   6.4
                                          6.5
                                                 5.0
                                                        4.4
                                                               3.9
                                                                      4.0
                                                                             4.6
                                                                                    5.5
                                                                                           5.4
                                                                                    7.1
##
    [8929]
              5.1
                      5.0
                            4.7
                                   4.5
                                          3.1
                                                 2.7
                                                        2.5
                                                               3.6
                                                                      5.0
                                                                             6.3
                                                                                           7.2
##
    [8941]
              7.2
                      6.9
                            6.4
                                   4.7
                                          3.7
                                                 3.3
                                                        3.0
                                                               2.9
                                                                      2.9
                                                                             3.2
                                                                                    3.0
                                                                                           2.9
```

```
[8953]
              2.8
                     3.1
                            2.7
                                   2.9
                                         3.9
                                                4.1
                                                       4.4
                                                              5.2
                                                                     6.5
                                                                            7.9
                                                                                  9.0
                                                                                         9.4
    [8965]
                    10.7
##
             10.3
                           10.8
                                         8.4
                                                       9.0
                                                              8.5
                                                                     7.6
                                                                                  4.9
                                                                                         3.5
                                   8.8
                                                8.9
                                                                            6.6
##
    [8977]
              2.2
                     1.9
                            1.7
                                   1.7
                                         1.3
                                                1.4
                                                       1.7
                                                              2.4
                                                                     3.1
                                                                            3.9
                                                                                  3.7
                                                                                         4.2
##
    [8989]
              4.5
                     4.1
                            3.9
                                   2.9
                                         2.8
                                                2.9
                                                       2.3
                                                              1.8
                                                                     1.9
                                                                            1.7
                                                                                  1.4
                                                                                         1.4
##
    [9001]
              1.1
                     0.2
                            0.6
                                 -0.6
                                        -0.2
                                                0.1
                                                       0.6
                                                              2.0
                                                                     3.7
                                                                           4.7
                                                                                  5.5
                                                                                         5.8
    [9013]
              5.9
                     5.8
                            5.2
                                   3.2
                                         2.0
                                                1.4
                                                              0.5
                                                                    -0.2
                                                                            2.7
                                                                                  3.0
                                                                                         2.5
##
                                                       1.0
    [9025]
              0.7
                     0.8
                                                                     2.5
                                                                                         4.2
##
                            0.7
                                   2.2
                                         0.0
                                                0.1
                                                       0.2
                                                              1.1
                                                                            3.8
                                                                                  4.1
    [9037]
              4.3
                                                                                 -0.4
                                                                                        -0.4
##
                     4.4
                            4.3
                                   4.0
                                         3.3
                                                1.6
                                                       0.8
                                                              0.9
                                                                     0.6
                                                                            0.0
    [9049]
##
             -0.4
                    -0.4
                           -0.4
                                 -0.4
                                        -0.2
                                                0.1
                                                       0.6
                                                              2.2
                                                                     3.6
                                                                           4.9
                                                                                  5.8
                                                                                         5.9
              6.2
                     6.2
                                         4.1
                                                                                         3.1
##
    [9061]
                            5.6
                                   4.1
                                                4.4
                                                       4.2
                                                              3.8
                                                                     3.4
                                                                            3.3
                                                                                  3.1
##
    [9073]
              3.0
                     2.7
                            2.4
                                   1.9
                                         1.0
                                                1.3
                                                       1.8
                                                              3.3
                                                                     5.1
                                                                            6.9
                                                                                  8.3
                                                                                         9.3
                                                                     7.1
                                                                                         7.3
    [9085]
              9.3
                     9.3
                            8.6
                                  7.2
                                         6.6
                                                6.7
                                                       6.5
                                                              6.9
                                                                            6.7
                                                                                  6.9
##
##
    [9097]
              7.5
                     7.4
                            7.8
                                  7.9
                                         6.8
                                                6.7
                                                       6.2
                                                              6.9
                                                                     8.3
                                                                           8.8
                                                                                  8.7
                                                                                         9.3
    [9109]
              9.8
                     9.7
                           10.2
                                 10.0
                                                9.2
                                                       9.0
                                                              9.2
                                                                           9.8
                                                                                 10.7
##
                                         9.7
                                                                     8.7
                                                                                        11.1
##
    [9121]
             11.2
                    11.1
                           11.0
                                 10.8
                                        11.5
                                               10.1
                                                      10.6
                                                             12.7
                                                                    14.2
                                                                          15.1
                                                                                 16.1
                                                                                        16.6
##
    [9133]
             16.9
                    16.9
                           16.4
                                 14.7
                                        12.9
                                               13.0
                                                      11.3
                                                             10.9
                                                                    10.9
                                                                          10.7
                                                                                 11.3
                                                                                        11.1
##
                           10.9
                                 10.7
                                         9.6
                                                9.6
                                                      10.0
                                                             10.7
                                                                    11.3
                                                                          11.0
                                                                                 10.8
                                                                                        10.5
    [9145]
             11.3
                    11.0
##
    [9157]
             11.0
                    11.2
                           10.9
                                 10.4
                                        10.1
                                                9.7
                                                       9.4
                                                              9.0
                                                                     8.9
                                                                           8.9
                                                                                  8.4
                                                                                         7.4
    [9169]
                                         4.1
                                                3.9
                                                              4.5
                                                                     5.0
                                                                                         6.7
##
              6.9
                     6.0
                            5.3
                                   4.8
                                                       3.9
                                                                           5.9
                                                                                  6.5
##
    [9181]
              7.1
                     6.7
                            6.1
                                   4.6
                                         3.2
                                                3.0
                                                       2.4
                                                              2.0
                                                                     1.7
                                                                           2.0
                                                                                  2.0
                                                                                         1.7
##
    [9193]
              1.5
                     1.9
                            2.1
                                   2.4
                                        -0.2
                                               -0.7
                                                      -0.4
                                                              1.8
                                                                     4.1
                                                                           6.3
                                                                                  7.7
                                                                                         8.3
    [9205]
             10.7
                    10.8
                           10.5
                                   8.8
                                         6.9
                                                6.3
                                                       5.9
                                                              5.5
                                                                     5.1
                                                                           4.8
                                                                                  4.5
                                                                                         4.2
##
                     3.9
    [9217]
              3.9
                            4.0
                                   4.2
                                         7.7
                                                7.7
                                                       8.4
                                                              9.3
                                                                    10.0
                                                                          11.7
                                                                                 13.4
                                                                                        13.6
##
    [9229]
             13.4
                    13.1
                           12.3
                                 10.7
                                         8.9
                                                8.4
                                                       8.0
                                                              7.6
                                                                    7.2
                                                                           7.0
                                                                                  6.6
                                                                                         6.6
##
              6.3
                                         7.4
                                                7.4
                                                              8.5
                                                                   10.1
                                                                          12.3
                                                                                 14.2
                                                                                        15.4
##
    [9241]
                     6.7
                            6.7
                                   6.6
                                                       7.7
##
    [9253]
             16.9
                    16.8
                           16.2
                                 13.9
                                        12.7
                                               12.1
                                                      11.8
                                                            11.2
                                                                   10.3
                                                                           9.7
                                                                                  9.3
                                                                                         9.3
##
    [9265]
              9.2
                     9.2
                            9.5
                                   8.8
                                        10.8
                                               10.8
                                                      10.9
                                                            12.3
                                                                   14.6
                                                                          15.3
                                                                                 15.3
                                                                                        16.3
             14.6
                    13.1
                           14.5
                                 13.5
                                        11.5
                                               10.6
                                                      10.3
                                                            10.2
##
    [9277]
                                                                   10.3
                                                                          10.6
                                                                                 10.3
                                                                                        10.0
##
    [9289]
             10.2
                    10.8
                           10.6
                                   9.2
                                         9.6
                                                8.3
                                                       8.8
                                                            11.3
                                                                   14.3
                                                                          16.8
                                                                                 18.2
                                                                                        18.9
##
    [9301]
             19.1
                    18.8
                           17.9
                                 15.8
                                        14.0
                                               12.6
                                                      11.9
                                                            11.9
                                                                   11.0
                                                                          11.5
                                                                                 11.7
                                                                                        11.9
##
    [9313]
             11.0
                    11.1
                           11.0
                                 10.4
                                        10.3
                                                9.6
                                                      10.2
                                                            12.5
                                                                   15.5
                                                                          15.9
                                                                                 13.4
                                                                                        12.2
##
    [9325]
             12.6
                    12.5
                           12.4
                                 11.9
                                        11.2
                                               11.5
                                                      11.5
                                                            11.8
                                                                   11.9
                                                                          11.5
                                                                                 11.0
                                                                                        10.6
##
    [9337]
             10.4
                    10.2
                           10.2
                                 10.2
                                         9.1
                                                9.5
                                                       9.6
                                                            11.7
                                                                   12.8
                                                                          13.7
                                                                                 14.0
                                                                                        14.3
                                 13.1
                                        12.1
                                                                                       12.7
    [9349]
                    14.3
                                               12.0
                                                      12.0
                                                            11.9
                                                                   12.0
                                                                          12.0
                                                                                 12.3
##
             14.4
                           14.1
##
    [9361]
             13.6
                    13.8
                           13.7
                                 14.2
                                        14.6
                                               14.8
                                                      15.0
                                                            15.5
                                                                   15.8
                                                                          15.8
                                                                                 17.1
                                                                                        17.5
##
             17.4
                    17.4
    [9373]
                          16.6
                                 14.8
                                        13.1
                                               12.9
                                                      11.9
                                                            12.0
                                                                          11.1
                                                                                 11.3
                                                                   11.7
                                                                                        11.1
##
    [9385]
             10.9
                    11.4
                           11.4
                                 11.5
                                         9.6
                                                9.2
                                                       9.3
                                                            12.0
                                                                   13.5
                                                                          13.8
                                                                                 14.1
                                                                                        15.2
##
    [9397]
             14.3
                    14.5
                           14.2
                                 13.3
                                        11.9
                                               11.1
                                                      10.5
                                                            10.1
                                                                    9.6
                                                                           9.1
                                                                                  8.6
                                                                                         8.2
##
    [9409]
              7.6
                     7.1
                            6.6
                                   6.3
                                         5.9
                                                5.6
                                                       6.0
                                                              9.1
                                                                   13.1
                                                                          15.3
                                                                                 16.5
                                                                                        17.3
    [9421]
             17.5
                    17.4
                           17.2
                                 16.4
                                        14.2
                                               13.3
                                                      13.2
                                                            13.7
                                                                   13.9
                                                                          13.9
                                                                                 13.9
                                                                                        13.8
##
                           13.6
                                 13.6
                                        12.6
                                               12.6
                                                      12.3
                                                            11.2
                                                                   10.2
                                                                          12.0
                                                                                 11.9
##
    [9433]
             13.7
                    13.7
    [9445]
             12.3
                    13.0
                           12.3
                                 11.2
                                         9.8
                                                8.9
                                                       8.4
                                                              8.6
                                                                    8.4
                                                                           8.2
                                                                                  8.0
                                                                                         7.9
##
##
    [9457]
              7.9
                     8.4
                            8.6
                                   8.6
                                         8.4
                                                8.7
                                                       9.1
                                                             11.0
                                                                   12.1
                                                                          11.8
                                                                                 12.8
                                                                                        13.1
    [9469]
             12.9
                    13.6
                                        11.0
                                                                                  7.8
##
                           13.1
                                 12.2
                                               10.5
                                                       9.8
                                                              9.5
                                                                     8.8
                                                                           8.4
                                                                                         7.4
                                                                                 10.2
                                                                                        10.8
##
    [9481]
              5.8
                     5.6
                            5.4
                                   5.0
                                         5.7
                                                5.9
                                                       6.3
                                                              7.0
                                                                     8.6
                                                                            9.4
                                         7.6
                                                                                  3.2
                                                                                         2.5
##
    [9493]
             11.1
                    11.2
                           10.8
                                   9.9
                                                6.7
                                                       6.4
                                                                     4.8
                                                                            3.9
                                                              5.8
##
    [9505]
              2.1
                     1.6
                            2.2
                                   2.2
                                         2.8
                                                2.4
                                                       3.2
                                                              4.3
                                                                     4.8
                                                                           5.4
                                                                                  5.8
                                                                                         5.9
              6.0
                                                              4.0
                                                                                  3.4
                                                                                         3.1
##
    [9517]
                     6.4
                            5.9
                                   5.0
                                         3.7
                                                3.3
                                                       4.1
                                                                     3.9
                                                                            3.8
##
    [9529]
              2.7
                     1.1
                            0.9
                                   0.2
                                         2.9
                                                2.7
                                                       3.2
                                                              4.5
                                                                     5.3
                                                                           5.9
                                                                                  6.7
                                                                                         7.1
##
    [9541]
              7.4
                     7.8
                            7.6
                                   7.0
                                         6.1
                                                5.7
                                                       5.4
                                                              5.3
                                                                     5.2
                                                                           5.1
                                                                                  5.0
                                                                                         4.9
                     4.5
##
    [9553]
              4.6
                            4.2
                                   4.4
                                                5.2
                                                       5.7
                                                              7.2
                                                                     8.4
                                                                           9.6
                                                                                 10.6
                                                                                        11.0
                                         4.9
##
    [9565]
             10.7
                    10.5
                           10.4
                                   9.7
                                         8.7
                                                8.4
                                                       7.7
                                                              7.6
                                                                     7.7
                                                                           7.6
                                                                                  7.5
                                                                                         7.7
                     7.9
##
    [9577]
              7.7
                            8.2
                                   8.5
                                         7.7
                                                7.4
                                                       8.0
                                                             10.4
                                                                   12.9
                                                                          14.4
                                                                                 15.5
                                                                                        16.3
    [9589]
##
             17.0
                    17.3 16.7
                                 15.8
                                        13.8
                                               12.9
                                                      12.1
                                                            11.8
                                                                   12.7
                                                                          12.6
                                                                                12.8
                                                                                       12.8
```

```
[9601]
             12.7
                    13.2 13.5 13.5
                                        13.6 13.7 13.9 14.9 15.8 16.5
                                                                                16.9
                    17.5
                           16.9
##
                                  15.9
                                        15.2
                                               15.1
                                                      14.3
                                                             14.1
                                                                    13.9
                                                                           14.5
                                                                                  14.3
    [9613]
             17.7
                                                                                        13.9
##
    [9625]
             13.8
                    13.5
                           13.4
                                  13.0
                                         12.1
                                               11.8
                                                      12.5
                                                             14.5
                                                                    15.5
                                                                           15.4
                                                                                  16.9
                                                                                         17.0
##
    [9637]
             16.9
                    16.5
                           15.8
                                  14.5
                                        12.7
                                               11.8
                                                      11.5
                                                             11.1
                                                                    10.6
                                                                           10.3
                                                                                  10.0
                                                                                          9.7
##
    [9649]
              9.2
                     8.7
                            8.6
                                   8.7
                                          8.6
                                                8.7
                                                      10.0
                                                             12.9
                                                                    15.1
                                                                           16.1
                                                                                  16.7
                                                                                        17.0
    [9661]
             17.2
                    17.1
                           16.5
                                  15.5
                                        13.1
                                               11.8
                                                      11.5
                                                             11.2
                                                                    11.2
                                                                           11.2
                                                                                 11.0
                                                                                        11.0
##
             11.2
                    10.9
                           10.5
                                  10.5
                                        13.1
                                               13.0
                                                      12.4
                                                             14.6
                                                                    15.6
                                                                           17.0
##
    [9673]
                                                                                  17.6
                    18.3
                           17.8
                                        15.2
                                                      13.9
                                                             13.7
                                                                    13.9
##
    [9685]
             18.4
                                  16.7
                                               14.6
                                                                           13.8
                                                                                 13.6
                                                                                        13.9
##
    [9697]
             14.1
                    14.1
                           14.5
                                  14.1
                                        15.5
                                               15.3
                                                      14.4
                                                             13.5
                                                                    13.8
                                                                           14.3
                                                                                  14.3
                                                                                        15.3
##
    [9709]
             17.1
                    15.2
                           14.8
                                  14.7
                                        14.4
                                               14.2
                                                      12.9
                                                             12.7
                                                                    12.3
                                                                           11.9
                                                                                  11.6
                                                                                        12.2
##
    [9721]
             12.2
                    12.0
                           12.1
                                  11.2
                                        11.5
                                               11.4
                                                      11.7
                                                             12.3
                                                                    12.8
                                                                           13.0
                                                                                  13.2
                                                                                        13.2
    [9733]
                    11.2
                           11.0
                                  10.9
                                         10.4
                                               10.2
                                                      10.2
                                                             10.1
                                                                    10.0
                                                                            9.9
                                                                                   9.9
                                                                                          9.8
##
             11.4
                                                       4.7
##
    [9745]
              9.2
                     8.3
                            7.3
                                   6.3
                                          4.8
                                                4.2
                                                              5.9
                                                                     7.0
                                                                            7.8
                                                                                   8.7
                                                                                          9.0
    [9757]
              9.3
                     9.5
                            9.5
                                   9.2
                                          7.9
                                                6.9
                                                        6.3
                                                              5.8
                                                                     5.4
                                                                                   4.9
##
                                                                            5.1
                                                                                          5.1
##
    [9769]
              5.3
                     6.0
                            6.8
                                   7.5
                                          8.9
                                                9.4
                                                      10.6
                                                             11.5
                                                                    13.2
                                                                           14.2
                                                                                  14.2
                                                                                         15.3
##
    [9781]
             15.7
                    15.8
                           15.6
                                  15.0
                                        13.8
                                               13.6
                                                      13.5
                                                             13.2
                                                                    13.1
                                                                           13.0
                                                                                  13.0
                                                                                         12.4
##
                    10.4
                                   9.3
                                        12.3
                                               12.1
                                                      11.6
                                                             11.8
                                                                    12.6
                                                                           12.1
                                                                                  11.3
                                                                                        11.1
    [9793]
             11.1
                            9.8
##
    [9805]
             11.1
                    11.6
                           11.5
                                  11.3
                                         11.1
                                               11.1
                                                      10.6
                                                              9.8
                                                                     9.3
                                                                            8.9
                                                                                   9.2
                                                                                          9.1
    [9817]
                                   8.6
                                                       6.2
                                                              7.3
                                                                     8.5
                                                                            9.7
                                                                                  10.1
                                                                                        10.3
##
              9.0
                     9.0
                            8.7
                                          8.8
                                                6.2
##
    [9829]
             10.3
                    10.0
                            9.7
                                   9.1
                                          8.5
                                                8.2
                                                       8.1
                                                              7.7
                                                                     7.4
                                                                            7.5
                                                                                   7.4
                                                                                          7.1
##
    [9841]
              6.8
                     6.4
                            4.4
                                   4.3
                                          1.6
                                                 1.5
                                                        1.4
                                                              1.0
                                                                     0.9
                                                                            0.9
                                                                                   0.9
                                                                                          0.7
##
    [9853]
              0.8
                     0.9
                            1.2
                                   1.3
                                          1.0
                                                        1.2
                                                              1.3
                                                                     1.4
                                                                                   1.3
                                                                                          1.3
                                                 1.1
                                                                            1.4
##
    [9865]
                     0.0
                            0.1
                                                0.1
                                                        0.7
                                                              1.2
                                                                     1.7
                                                                            2.2
                                                                                   2.5
                                                                                          2.9
              0.6
                                   0.0
                                          0.0
    [9877]
              3.2
                     3.8
                                                 2.4
                                                       2.8
                                                              2.8
                                                                     2.3
                                                                                          0.9
##
                            3.7
                                   3.4
                                          2.8
                                                                            1.9
                                                                                   1.0
              0.6
                                                              4.5
                                                                                          6.2
##
    [9889]
                     0.7
                            0.8
                                   0.9
                                          1.5
                                                 1.2
                                                       2.7
                                                                     4.9
                                                                            5.3
                                                                                   6.4
##
    [9901]
              7.7
                     7.2
                            6.9
                                   6.3
                                          4.2
                                                 2.9
                                                        2.0
                                                              1.1
                                                                     0.7
                                                                            0.7
                                                                                   0.7
                                                                                          0.7
##
    [9913]
              0.8
                     0.8
                            0.8
                                   0.6
                                         -0.6
                                                0.1
                                                        1.9
                                                              5.1
                                                                     9.6
                                                                            8.4
                                                                                   6.5
                                                                                          7.2
                     8.8
                                                              3.2
                                                                     2.6
                                                                            2.6
                                                                                   2.9
##
    [9925]
              8.1
                            8.0
                                   7.0
                                          4.2
                                                 3.5
                                                        3.6
                                                                                          2.6
              2.9
##
    [9937]
                     2.8
                            2.6
                                   2.9
                                          5.1
                                                 5.2
                                                        6.4
                                                              8.6
                                                                    10.2
                                                                                  11.9
                                                                                         12.3
                                                                           11.1
##
    [9949]
             11.3
                    11.2
                           10.9
                                  10.4
                                          8.9
                                                8.6
                                                        8.1
                                                              8.1
                                                                     8.1
                                                                            8.2
                                                                                   8.3
                                                                                          8.3
    [9961]
##
              8.4
                     8.3
                            8.5
                                   8.5
                                          8.6
                                                8.2
                                                        9.6
                                                             11.4
                                                                    11.4
                                                                           10.9
                                                                                   9.8
                                                                                          9.7
##
    [9973]
             11.0
                    10.2
                           10.4
                                  10.0
                                          9.7
                                                8.9
                                                        8.5
                                                              8.3
                                                                     7.7
                                                                            6.2
                                                                                   5.2
                                                                                          4.5
##
    [9985]
              3.7
                     3.1
                            2.8
                                   2.3
                                          6.4
                                                 6.3
                                                        6.5
                                                              6.7
                                                                     6.6
                                                                            6.1
                                                                                   4.7
                                                                                          3.4
    [9997]
                     5.2
                            4.2
                                                              1.7
                                                                                          0.3
##
              5.7
                                   3.3
                                          2.5
                                                 2.2
                                                        2.0
                                                                     1.4
                                                                            1.0
                                                                                   0.7
   [10009]
             -0.1
                    -0.4
                           -0.6
                                  -0.7
                                          1.0
                                                 1.0
                                                              1.7
                                                                     2.6
                                                                            3.5
                                                                                   4.2
                                                                                          5.2
##
                                                        1.1
                                          4.2
   [10021]
              6.1
                     5.5
                            5.5
                                   5.1
                                                4.2
                                                        3.2
                                                              2.9
                                                                            1.4
                                                                                   0.4
                                                                                         -0.3
##
                                                                     3.1
   [10033]
             -0.4
                    -0.6
                           -0.6
                                  -0.2
                                          2.3
                                                 2.4
                                                        3.0
                                                              3.4
                                                                     4.0
                                                                            4.6
                                                                                   5.6
                                                                                          5.7
## [10045]
              4.1
                     4.0
                            3.8
                                   3.4
                                          2.8
                                                2.5
                                                        2.4
                                                              2.2
                                                                     2.1
                                                                            1.9
                                                                                   1.7
                                                                                          1.6
   [10057]
              1.5
                     1.3
                            1.2
                                   1.0
                                          0.6
                                                0.6
                                                        1.6
                                                              2.7
                                                                     3.9
                                                                            4.9
                                                                                   6.0
                                                                                          5.7
##
  [10069]
              6.0
                            5.9
                                          4.6
                                                 3.5
                                                              1.5
                                                                     0.7
                                                                            0.1
                                                                                   2.1
                                                                                          2.3
##
                     6.1
                                   5.7
                                                        2.1
  [10081]
              0.2
                    -0.3
                           -0.4
                                  -0.7
                                                              4.2
                                                                            5.4
                                                                                          6.6
                                          0.8
                                                0.8
                                                        2.5
                                                                     4.8
                                                                                   6.1
## [10093]
              7.8
                     7.5
                            7.0
                                   6.3
                                          4.6
                                                3.8
                                                       3.2
                                                              4.2
                                                                     4.1
                                                                            3.6
                                                                                   3.5
                                                                                          3.4
## [10105]
              2.6
                     2.9
                            2.6
                                   2.3
                                          1.2
                                                0.7
                                                        2.2
                                                              3.3
                                                                     4.5
                                                                            6.0
                                                                                   6.6
                                                                                          7.2
## [10117]
              7.2
                     7.3
                            7.1
                                   6.6
                                          5.6
                                                 4.2
                                                        3.1
                                                              2.4
                                                                     2.2
                                                                            1.6
                                                                                   1.3
                                                                                          1.1
## [10129]
              0.9
                     0.8
                            1.2
                                   1.1
                                         -0.7
                                               -1.1
                                                      -0.5
                                                              0.8
                                                                     1.9
                                                                            2.7
                                                                                   3.6
                                                                                          4.2
                                                                     2.6
                                                                            2.4
                                                                                   2.0
## [10141]
              4.8
                     5.4
                            5.4
                                   4.8
                                          4.1
                                                 3.9
                                                        3.3
                                                              2.8
                                                                                          1.8
## [10153]
              1.6
                     1.5
                            1.5
                                   1.4
                                         -1.1
                                               -1.3
                                                        1.2
                                                              3.3
                                                                     4.9
                                                                            6.2
                                                                                   7.4
                                                                                          8.2
  [10165]
              8.8
                     9.0
                            8.9
                                          7.1
                                                              4.4
                                                                     4.5
                                                                            4.5
                                                                                   4.8
                                                                                          4.8
##
                                   8.3
                                                 6.3
                                                        5.4
## [10177]
              4.7
                     4.2
                            3.5
                                   2.9
                                          2.8
                                                 2.6
                                                        6.5
                                                              7.3
                                                                     6.5
                                                                            6.6
                                                                                   6.9
                                                                                          7.5
## [10189]
              8.1
                     8.4
                            9.0
                                   8.5
                                          5.4
                                                 4.0
                                                        3.4
                                                              3.3
                                                                     3.3
                                                                            3.4
                                                                                   3.2
                                                                                          3.2
## [10201]
              3.0
                     2.8
                            3.2
                                                3.1
                                                        5.4
                                                              8.2
                                                                    10.2
                                                                           11.7
                                                                                  12.6
                                                                                         13.1
                                   3.4
                                          3.6
## [10213]
             13.3
                    12.8
                           12.4
                                  11.8
                                          9.3
                                                7.7
                                                        6.9
                                                              6.9
                                                                     6.3
                                                                            5.3
                                                                                   5.7
                                                                                          5.1
## [10225]
              5.1
                     6.5
                            7.1
                                   7.1
                                          9.8
                                                9.6
                                                      11.0
                                                             12.4
                                                                    13.7
                                                                           14.9
                                                                                  15.6
                                                                                        16.0
## [10237]
             16.4
                    16.4 15.6
                                14.2
                                        11.6
                                               10.0
                                                       8.9
                                                              8.7
                                                                     8.7
                                                                            8.0
                                                                                   7.5
                                                                                          7.2
```

```
## [10249]
              6.7
                     6.5
                            6.2
                                   6.2
                                          7.2
                                                7.1
                                                       8.3
                                                              9.7
                                                                    11.2 11.8 12.6
                                                                                        13.2
                           13.3
                                                8.6
  Γ102617
             13.6
                    13.8
                                  12.0
                                          9.8
                                                       8.3
                                                              9.1
                                                                     9.2
                                                                            9.1
                                                                                   8.9
                                                                                         7.2
   [10273]
              6.9
                     8.0
                            8.0
                                   7.1
                                          6.0
                                                6.2
                                                       7.9
                                                             10.4
                                                                    12.5
                                                                           14.2
                                                                                 15.3
                                                                                        16.0
  [10285]
                                                              9.3
                                                                                         8.4
             16.6
                    16.8
                           16.1
                                  14.6
                                        12.1
                                                9.9
                                                       9.3
                                                                     9.6
                                                                            9.1
                                                                                   8.8
  [10297]
              8.5
                     7.8
                            8.3
                                   7.9
                                         8.4
                                                8.9
                                                       9.8
                                                             14.0
                                                                    14.0
                                                                           15.9
                                                                                 15.6
                                                                                        16.0
## [10309]
             19.8
                    18.7
                           16.3
                                 15.8
                                        14.9
                                               14.5
                                                      14.4
                                                             14.3
                                                                    14.2
                                                                           14.0
                                                                                 13.8
                                                                                        13.6
                                                             15.8
                    14.2
                           14.3
                                  14.1
                                        14.2
                                               13.9
                                                      14.9
                                                                    16.9
                                                                           17.9
  Γ10321<sup>1</sup>
             14.1
                                                                                 19.0
                    20.3
                           19.6
                                                                    15.4
## [10333]
             20.4
                                  18.3
                                        17.5
                                               17.0
                                                      16.3
                                                             15.3
                                                                           13.8
                                                                                 13.5
                                                                                        13.0
##
   Γ10345]
             13.1
                    12.6
                           12.3
                                  11.9
                                        11.1
                                               10.2
                                                       9.6
                                                              9.3
                                                                     9.4
                                                                           11.5
                                                                                 12.9
                                                                                        14.7
                    14.9
                                               10.9
                                                                                  9.8
##
   [10357]
             14.9
                           14.5
                                  13.7
                                        12.0
                                                      10.0
                                                              9.1
                                                                     8.7
                                                                            8.7
                                                                                         8.9
   [10369]
              9.7
                     8.8
                            8.4
                                   8.5
                                          9.9
                                                9.6
                                                      11.6
                                                             11.8
                                                                    11.8
                                                                           12.2
                                                                                 12.5
                                                                                        12.6
   [10381]
             12.6
                    12.6
                           12.3
                                  12.3
                                        10.8
                                               10.5
                                                       8.8
                                                              8.5
                                                                     9.3
                                                                            9.7
                                                                                 10.0
                                                                                         9.1
##
##
   [10393]
              8.4
                     8.3
                            8.1
                                   7.8
                                         7.1
                                                7.8
                                                       8.8
                                                              9.0
                                                                     9.7
                                                                           11.6
                                                                                 13.6
                                                                                        13.7
                                                                    10.0
             14.5
                                  12.2
                                        10.8
                                                9.9
                                                      10.0
                                                                                 11.2
##
  [10405]
                    14.1
                           13.4
                                                             10.1
                                                                           10.3
                                                                                        11.0
## [10417]
             10.9
                    10.1
                            9.8
                                   9.7
                                        10.4
                                               10.5
                                                      12.5
                                                             12.5
                                                                    12.7
                                                                           12.0
                                                                                 12.7
                                                                                        11.3
   [10429]
              8.0
                    10.4
                           10.5
                                  11.1
                                          9.3
                                                7.6
                                                       7.6
                                                              6.6
                                                                     7.7
                                                                            6.2
                                                                                   5.4
                                                                                          4.7
   [10441]
              4.5
                     4.3
                            4.1
                                   3.8
                                          3.3
                                                4.0
                                                       6.8
                                                              7.6
                                                                     8.6
                                                                            9.4
                                                                                   9.6
                                                                                        10.0
##
   [10453]
             11.0
                    12.1
                           12.3
                                  12.1
                                         10.9
                                                9.2
                                                       8.5
                                                              7.5
                                                                     7.5
                                                                            6.7
                                                                                   6.5
                                                                                         7.0
  [10465]
                     7.1
                            7.2
                                   7.0
                                          6.7
                                                6.7
                                                              7.2
                                                                     7.6
                                                                            8.0
                                                                                   8.2
                                                                                         8.1
##
              6.8
                                                       6.9
## [10477]
              7.7
                     7.4
                            7.4
                                   7.6
                                          7.2
                                                7.2
                                                       6.5
                                                              6.2
                                                                     6.0
                                                                            5.8
                                                                                   5.1
                                                                                         4.5
## [10489]
              3.6
                     3.3
                            3.6
                                   3.9
                                          2.2
                                                3.1
                                                       5.0
                                                              6.7
                                                                     7.9
                                                                            9.0
                                                                                   9.0
                                                                                        10.9
## [10501]
             11.4
                    11.6
                           11.3
                                  10.4
                                          8.3
                                                6.2
                                                       5.6
                                                              5.6
                                                                     6.4
                                                                            6.2
                                                                                   6.7
                                                                                         7.4
                     7.3
                                                                                        11.5
## [10513]
              6.3
                            7.6
                                   8.5
                                          5.9
                                                6.4
                                                       9.4
                                                             10.4
                                                                    11.0
                                                                           11.6
                                                                                 12.1
   Γ10525]
             11.3
                    11.2
                            8.5
                                                5.3
                                                       5.8
                                                              4.7
                                                                     3.1
                                                                            2.6
                                                                                   3.0
##
                                   6.1
                                          6.8
                                                                                         3.7
                                                                     9.6
                                                                          10.5
                                                                                 11.3
##
   [10537]
              3.6
                     3.7
                            3.8
                                   3.5
                                          2.9
                                                3.8
                                                       6.2
                                                              8.4
                                                                                        11.7
   Γ105497
             11.8
                    11.6
                           11.2
                                  10.1
                                          8.6
                                                6.3
                                                       6.0
                                                              6.0
                                                                     5.8
                                                                            5.7
                                                                                   5.3
                                                                                         5.0
   [10561]
              4.7
                     4.4
                            4.2
                                   4.5
                                          4.9
                                                5.4
                                                       8.7
                                                             11.5
                                                                    12.8
                                                                           12.4
                                                                                 12.3
                                                                                        13.8
##
## [10573]
                    14.2
                           13.7
                                                                            5.7
                                                                                   4.8
             14.2
                                  12.8
                                         11.3
                                                9.1
                                                       6.3
                                                              6.3
                                                                     6.1
                                                                                         5.1
## [10585]
              5.3
                     4.5
                            4.5
                                   4.3
                                          5.9
                                                6.8
                                                       7.6
                                                              7.6
                                                                     7.3
                                                                            7.3
                                                                                   6.8
                                                                                          6.8
##
   [10597]
              7.5
                     8.2
                            7.5
                                   7.3
                                          6.7
                                                6.6
                                                       6.1
                                                              5.8
                                                                     5.7
                                                                            5.8
                                                                                   5.6
                                                                                          5.4
                                                                     7.6
##
   [10609]
              4.9
                     4.7
                            4.3
                                   3.5
                                          3.9
                                                3.9
                                                       4.5
                                                              5.8
                                                                            9.6
                                                                                  10.2
                                                                                        10.6
##
   [10621]
             12.0
                    11.8
                           10.6
                                   9.7
                                          8.6
                                                6.5
                                                       6.5
                                                              7.2
                                                                     7.3
                                                                            6.9
                                                                                   6.4
                                                                                          6.3
##
   [10633]
              5.8
                     5.3
                            4.8
                                   3.1
                                          3.8
                                                 3.3
                                                       4.1
                                                              5.5
                                                                     6.1
                                                                            6.7
                                                                                   6.9
                                                                                          7.3
   [10645]
              9.1
                     8.4
                            7.2
                                                       3.0
                                                              3.0
                                                                     2.6
                                                                            2.7
                                                                                   2.7
                                                                                         2.4
##
                                   6.2
                                          5.7
                                                3.4
   [10657]
              2.4
                     2.4
                            2.2
                                   2.2
                                          2.1
                                                3.1
                                                       6.1
                                                              7.9
                                                                     9.2
                                                                           10.1
                                                                                  11.1
                                                                                        11.7
## [10669]
             12.4
                    12.7
                           12.8
                                  12.4
                                         10.3
                                                7.0
                                                       5.7
                                                              4.9
                                                                     4.4
                                                                            4.1
                                                                                   3.7
                                                                                         3.5
## [10681]
              3.2
                     3.4
                            4.0
                                   4.4
                                          4.4
                                                4.8
                                                       5.9
                                                              7.7
                                                                     8.8
                                                                            9.7
                                                                                 12.1
                                                                                        11.8
## [10693]
             12.2
                    11.3
                           11.3
                                   9.6
                                          8.1
                                                6.6
                                                       5.7
                                                              5.5
                                                                     5.4
                                                                            5.4
                                                                                   5.4
                                                                                         5.6
   [10705]
              5.9
                     6.3
                            8.3
                                   8.5
                                          7.0
                                                7.7
                                                       9.4
                                                             10.4
                                                                    10.8
                                                                           10.7
                                                                                 10.5
                                                                                        10.1
##
   [10717]
             10.3
                    10.4
                            9.9
                                   8.9
                                          8.6
                                                7.2
                                                       6.3
                                                              5.3
                                                                     4.5
                                                                            4.2
                                                                                   4.3
                                                                                         3.9
##
   [10729]
                     4.4
                            3.3
                                                              7.9
                                                                     9.5
                                                                           10.5
                                                                                 10.9
                                                                                        11.0
              4.1
                                   3.9
                                          4.2
                                                5.1
                                                       6.4
  [10741]
             11.2
                    11.3
                           11.0
                                  10.3
                                          8.9
                                                6.6
                                                       6.3
                                                              6.1
                                                                     6.1
                                                                            6.2
                                                                                   5.5
                                                                                         5.0
##
## [10753]
              5.0
                     5.0
                            4.9
                                   4.6
                                          4.5
                                                6.0
                                                       9.5
                                                             11.8
                                                                    13.0
                                                                           13.7
                                                                                  13.7
                                                                                        13.9
             13.9
                    13.6
                                         11.8
                                               10.9
                                                                                  9.6
##
   [10765]
                           13.4
                                  12.7
                                                      10.4
                                                             10.2
                                                                     9.8
                                                                            9.7
                                                                                         9.4
                                          9.5
                                                                    15.6
  [10777]
              9.4
                     9.6
                            9.6
                                   9.5
                                               10.9
                                                      13.0
                                                             14.6
                                                                           16.1
                                                                                  16.4
                                                                                        16.9
                    17.1
## [10789]
             17.2
                           16.5
                                  15.3
                                        13.6
                                               12.2
                                                      11.0
                                                              8.0
                                                                     8.9
                                                                            4.1
                                                                                   4.5
                                                                                          3.2
                                                                            7.7
##
   [10801]
              2.1
                     1.7
                            1.8
                                   1.3
                                          1.5
                                                2.4
                                                       4.0
                                                              5.4
                                                                     6.5
                                                                                   8.4
                                                                                          9.2
   [10813]
             10.0
                                   7.7
                                          7.2
                                                              5.6
                                                                     4.5
                                                                            3.9
                                                                                   4.3
                                                                                          5.1
##
                     9.8
                            8.9
                                                6.5
                                                       6.0
   [10825]
              4.7
                     4.3
                            3.9
                                   3.6
                                          3.8
                                                3.9
                                                       4.9
                                                              6.6
                                                                     8.6
                                                                           10.3
                                                                                 11.3
                                                                                        11.9
                                                       7.7
## [10837]
             11.4
                    11.0
                           11.4
                                  11.1
                                          9.7
                                                8.6
                                                              6.9
                                                                     6.3
                                                                            5.8
                                                                                   5.3
                                                                                          4.9
## [10849]
              4.6
                     4.4
                            4.2
                                          3.8
                                                5.5
                                                       9.0
                                                             11.2
                                                                    12.8
                                                                           14.1
                                                                                 14.9
                                                                                        15.5
                                   4.1
## [10861]
             15.5
                    15.0
                           14.5
                                  13.8
                                        12.3
                                               10.2
                                                       9.7
                                                              9.4
                                                                     8.5
                                                                            8.0
                                                                                  7.8
                                                                                         7.8
## [10873]
              7.2
                     6.6
                            6.1
                                   6.1
                                          3.5
                                                4.9
                                                       9.6
                                                             12.8
                                                                    14.7
                                                                           16.2
                                                                                 17.4
                                                                                        18.3
                                               15.2
## [10885]
             18.5
                    18.4 18.1 17.2
                                       15.9
                                                      14.6
                                                             14.0
                                                                   13.5
                                                                          13.3
                                                                                 13.1
                                                                                       12.9
```

```
## [10897]
            12.8 12.8 12.7 12.5 10.6 12.5 15.4 16.1 16.7 16.3 17.7 19.5
## [10909]
            19.2
                  18.6
                        18.5
                              18.3
                                     17.8
                                           14.8 12.9
                                                       11.8 11.1
                                                                    11.1 11.4
                                                                                 11.3
                                     11.2
                                                                          24.0
## [10921]
            11.3
                  11.6
                        12.0
                              12.4
                                           13.3 16.9
                                                       19.6 21.2
                                                                    22.7
                               23.2
                                           18.1
                                                 15.4
                                                       14.5
                                                              14.5
## [10933]
            25.0
                  24.8
                        24.2
                                     21.1
                                                                    14.1
                                                                          13.3
                                                                                 12.3
## [10945]
            11.6
                  11.1
                        10.8
                               10.6
                                     11.0
                                           12.4
                                                 14.0
                                                       15.1
                                                              16.3
                                                                    17.3
                                                                          18.4
## [10957]
            19.5
                  19.7
                        19.3
                              18.2
                                     16.2
                                           14.1
                                                 13.1
                                                       12.4
                                                              11.9
                                                                    11.4 11.1
                                                                                11.1
                  10.9
                        10.7
                               10.5
                                      9.5
                                           10.4
                                                 11.8
                                                       12.7
                                                              13.5
                                                                    14.2
                                                                          14.9
## [10969]
            11.0
                  15.7
                        14.7
                                            9.7
                                                         9.2
                                                               9.2
                                                                     9.3
## [10981]
            16.0
                               13.2
                                     11.4
                                                  9.2
                                                                           9.1
                                                                                  9.0
## [10993]
             8.9
                   8.8
                         8.6
                                8.2
                                      7.3
                                            9.0
                                                 10.6
                                                        12.1
                                                              12.9
                                                                    13.5
                                                                          14.2
                                                                                 14.7
## [11005]
                  14.5
                                                               7.6
                                                                     7.0
                                                                           6.5
                                                                                  6.0
            14.8
                        13.8
                               12.6
                                     10.9
                                            9.2
                                                  8.8
                                                         8.3
## [11017]
             5.5
                   5.1
                         4.5
                                4.2
                                      4.9
                                            5.4
                                                   6.2
                                                         7.0
                                                               7.8
                                                                     8.8
                                                                          10.8
                                                                                 13.0
                  17.9
                                                         7.4
## [11029]
            18.0
                        17.3
                               16.3
                                     14.6
                                           11.7
                                                   9.4
                                                               5.8
                                                                     4.5
                                                                           3.7
                                                                                  3.7
## [11041]
             4.2
                   4.4
                         4.2
                                4.0
                                      5.0
                                            7.5
                                                  9.8
                                                        11.4
                                                              12.6
                                                                    14.1
                                                                          15.2
                                                                                 15.7
## [11053]
            15.9
                  15.9
                        15.7
                               15.0
                                                         8.9
                                                                           8.1
                                     13.4
                                           11.0
                                                  9.9
                                                               8.1
                                                                     7.7
                                                                                  7.5
## [11065]
             7.3
                   7.1
                         7.3
                                7.4
                                      6.7
                                            8.6
                                                   8.5
                                                         7.9
                                                               8.7
                                                                    12.2
                                                                          11.0
                                                                                  9.2
## [11077]
            12.3
                  12.1
                         12.6
                               12.2
                                     10.7
                                           10.0
                                                  10.0
                                                         9.9
                                                               9.8
                                                                     9.8
                                                                           9.8
                                                                                  9.9
## [11089]
             9.9
                   9.7
                         9.7
                                8.2
                                      7.9
                                            9.0
                                                  9.2
                                                         9.1
                                                               9.8
                                                                    11.1
                                                                          11.0
                                                                                 10.9
## [11101]
            11.0
                  11.4
                        11.5
                               11.2
                                     10.9
                                           10.2
                                                  9.2
                                                         9.5
                                                              10.5
                                                                     8.1
                                                                           9.2
                                                                                  8.7
## [11113]
             8.3
                   7.9
                         7.7
                                7.7
                                      6.3
                                            8.9
                                                 11.3
                                                       13.7
                                                              15.4
                                                                    16.8 17.8
                                                                                 18.7
## [11125]
            19.4
                  19.8
                        19.5
                               18.9
                                     17.8
                                           15.1
                                                 12.9
                                                       11.8
                                                              11.8
                                                                    12.0
                                                                          12.2
                                                                                 11.8
                                                                          20.5
## [11137]
            11.9
                  11.7
                        11.5
                               11.1
                                     10.7
                                           13.2
                                                 16.4
                                                       18.0
                                                              19.2
                                                                    20.0
                                                                                 20.9
## [11149]
            21.0
                  20.7
                        20.1
                               19.0
                                     17.1
                                           13.4
                                                 12.1
                                                       11.5
                                                              10.9
                                                                     9.7
                                                                           8.9
                   7.6
## [11161]
             8.0
                         7.3
                                6.9
                                      4.7
                                            6.5
                                                  9.1
                                                       12.3
                                                              14.9
                                                                    16.5
                                                                          17.5
                                                                                 18.1
## [11173]
            20.6
                  20.5
                        19.8
                               18.6
                                     16.6
                                           12.5
                                                 10.5
                                                         9.0
                                                               7.6
                                                                     6.5
                                                                           5.6
                                                                                  4.9
             4.4
                   4.5
                         4.9
                                5.4
                                                 11.9
                                                       13.8
                                                              15.0
                                                                    15.8
                                                                          16.6
## [11185]
                                      7.0
                                            9.6
                                                                                17.4
                                           10.6
## [11197]
            17.4
                  16.8
                        15.8
                               14.7
                                     13.0
                                                  9.3
                                                         8.5
                                                               7.8
                                                                     7.3
                                                                           7.0
                                                                                 6.8
## [11209]
             6.8
                   7.0
                         6.2
                                6.6
                                      6.8
                                            7.3
                                                  8.0
                                                         8.6
                                                               9.3
                                                                    10.0
                                                                          10.6
                                                                                 11.1
## [11221]
            17.1
                  16.9
                               14.7
                                     12.8
                                           10.0
                                                               5.1
                                                                     4.7
                                                                           4.9
                        16.1
                                                  8.0
                                                         6.4
                                                                                  6.3
             6.2
                                5.9
## [11233]
                   6.1
                         6.0
                                      6.6
                                            8.3
                                                 10.2
                                                       12.3
                                                              12.6
                                                                    15.0
                                                                          16.0
                                                                                 17.1
## [11245]
            18.6
                  20.6
                        23.7
                               22.2
                                     19.6
                                           17.7
                                                 16.0
                                                       15.8
                                                              13.1
                                                                    13.0
                                                                          12.3
                                                                                 13.2
## [11257]
            13.1
                  12.9
                        12.6
                               12.2
                                     11.4
                                           13.6
                                                 16.1
                                                       17.8
                                                              18.6
                                                                    19.3
                                                                          19.7
                                                                                 18.3
## [11269]
            17.5
                  16.4
                        16.1
                               14.5
                                     14.2
                                           13.5
                                                 13.0
                                                       11.5
                                                              11.6
                                                                    11.3
                                                                          11.0
                                                                                 11.1
## [11281]
            10.9
                  10.7
                         10.0
                                9.7
                                     10.4
                                           10.9 11.7
                                                       13.5
                                                              14.7
                                                                    16.2
                                                                          17.3
                                                                                 18.2
## [11293]
                  18.8
                        18.2
                              15.4
                                     14.0
                                           13.1 12.8
                                                       12.3
                                                              11.3
                                                                    10.9
                                                                          10.5
            18.7
                                                                                 10.3
## [11305]
            11.3
                  10.6
                        10.2
                                9.9
                                     10.1
                                           11.1
                                                 14.2
                                                       16.9
                                                              18.6
                                                                    19.5
                                                                          20.2
                                                                                 20.5
## [11317]
            20.5
                  20.3
                        19.7
                               18.6
                                     16.5
                                           12.6 10.9
                                                       10.2
                                                               9.8
                                                                     9.6
                                                                           9.4
                                                                                 9.2
## [11329]
             8.9
                   8.6
                         8.3
                                8.2
                                     10.4
                                           13.0 15.6 17.8
                                                              19.7
                                                                    20.9
                                                                          21.5
                                                                                 21.8
## [11341]
            21.7
                  21.4
                        21.1
                               20.4
                                     18.9
                                           14.9
                                                 13.4 11.9
                                                              10.8
                                                                    10.6
                                                                           9.8
                                                                                 9.1
## [11353]
             9.1
                   9.1
                         9.4
                               10.0
                                      9.7
                                           13.2
                                                 16.1
                                                       19.0
                                                              20.9
                                                                    22.0
                                                                          22.7
                                                                                 22.9
            23.0
## [11365]
                  23.0
                        22.6
                              21.6
                                     20.0
                                           17.1
                                                 16.2 15.2 14.6 14.1 13.8
                                                                                 13.5
## [11377]
                  13.1
                        13.3
                              12.7
                                     13.0
                                           16.1
                                                 19.3
                                                       20.8
                                                              22.1
                                                                    23.2
                                                                          24.3
            13.2
## [11389]
            24.8
                  24.0
                        23.2
                               22.8
                                     21.6
                                           19.7
                                                 18.2 17.4
                                                              16.8
                                                                    16.6 16.5
                                                                                15.9
## [11401]
                               14.3
                                     12.6
                                           15.6
                                                 17.6
                                                       19.4
                                                              19.7
            15.1
                  14.8
                        14.8
                                                                    20.8
                                                                          22.0
                                                                                 22.5
            22.9
                  23.0
                        22.4
                               21.5
                                     19.7
                                           16.4
                                                       14.8
                                                              14.5
                                                                          12.6
## [11413]
                                                 14.9
                                                                    13.7
                                                                                11.3
                        10.5
                                9.9
                                     11.8
                                           13.7
                                                 15.7
                                                       17.0
                                                              18.0
                                                                    19.3 19.8
## [11425]
            11.3
                  11.2
                                           16.7
                                                 15.0
                                                       14.3
                                                                    12.0 11.4
## [11437]
            20.8
                  19.3
                        18.9
                              19.5
                                     18.9
                                                              13.3
                                                                                 11.2
                                                       14.9
## [11449]
            10.7
                  10.3
                        10.6
                               11.2
                                     12.2
                                           13.2
                                                 14.1
                                                              13.8
                                                                    13.7
                                                                          12.3
                                                                                 14.4
## [11461]
                  10.6
                        10.7
                               10.3
                                     10.0
                                            9.3
                                                         8.7
                                                               8.6
                                                                     8.5
                                                                                  8.0
            14.5
                                                  9.0
                                                                           8.3
## [11473]
             7.9
                   7.7
                         7.6
                               7.5
                                      8.0
                                            8.3
                                                  8.7
                                                         9.3
                                                               9.8
                                                                    10.2 10.6
                                                                                10.8
                                                               7.6
## [11485]
            12.5
                  12.2
                        11.6
                               11.1
                                     10.4
                                            9.4
                                                  8.7
                                                         8.1
                                                                     7.1
                                                                           6.8
                                                                                 6.6
## [11497]
             6.4
                   6.1
                         6.0
                                5.8
                                      3.4
                                            6.6
                                                  8.8
                                                        10.3
                                                              11.3
                                                                    12.1
                                                                          12.8
                                                                                 13.3
## [11509]
            13.7
                  14.2
                        14.3
                               14.0
                                     13.1
                                           10.3
                                                  8.3
                                                         6.9
                                                               5.6
                                                                     5.0
                                                                           4.6
                                                                                  4.4
## [11521]
             4.0
                   3.8
                         3.7
                                3.5
                                      5.4
                                            9.1
                                                 11.8
                                                       13.9
                                                              15.8
                                                                    17.3 18.6 19.2
                                          11.6
## [11533]
            19.5
                  19.4 19.2 18.2 16.2
                                                 10.4 10.2 10.3
                                                                     9.5
                                                                           8.1
                                                                                 7.3
```

```
## [11545]
            6.8
                  6.7
                        6.5
                             4.8
                                   8.5
                                         9.6 11.0 11.9 12.8 13.7 14.4
## [11557]
           11.5
                 12.7
                       13.3
                            13.4
                                  12.8
                                        11.8
                                             11.2 10.8 10.3 10.0
                                                                      9.7
                                                                            7.9
                                              10.2
                                                    11.9
## [11569]
            7.0
                  6.4
                        6.0
                              5.7
                                   6.3
                                         7.8
                                                          12.1
                                                               12.6
                                                                    13.0
## [11581]
                 15.1
                                  12.4
                                               7.7
                                                     7.5
                                                          8.4
                                                                8.3
                                                                      7.8
                                                                            7.2
           14.8
                       14.4
                             13.6
                                         9.2
## [11593]
            7.1
                  6.9
                        6.7
                             7.7
                                   6.7
                                         9.4
                                              11.2
                                                    11.9
                                                          13.8
                                                               15.4
                                                                     16.5
                                                                           17.2
## [11605]
           17.5
                 17.3
                      16.8
                            16.2
                                  15.0
                                       12.4 11.1
                                                   11.5 11.1 10.7
                                                                     10.7
                                                                           10.7
           10.4
                 10.1
                       10.0
                             9.9
                                  11.1
                                        12.8 13.6 15.3 16.7
                                                               18.4 18.5
## [11617]
           17.4
                 17.5
                      18.3
                            17.5
                                  16.2
                                        13.5 11.9 11.1 10.4 11.0 11.4
## [11629]
                                                                          10.8
## [11641]
           10.3
                 10.0
                        9.8
                             9.9
                                  10.0
                                        11.4 12.9
                                                    14.5
                                                         15.7
                                                               17.4 17.8
           20.2
                 19.8
                            18.5
                                       14.8 13.6 12.8 12.1
                                                               11.5 11.0
## [11653]
                      19.2
                                  17.5
                                                                           10.8
## [11665]
           10.6
                 10.7
                       10.6
                            10.4
                                  11.2
                                        13.4 14.6 15.5
                                                          16.8
                                                               16.4
                                                                     16.4
## [11677]
           18.3
                 17.6
                      16.8
                            16.1
                                  15.2
                                        14.4
                                              13.4
                                                    13.3 12.5
                                                               12.0
                                                                     11.3
                                                                           10.7
## [11689]
           10.2
                 10.0
                       10.4
                            10.9
                                  11.1
                                        13.3 13.9
                                                    14.3
                                                          14.5
                                                               14.9
                                                                     15.2
                                                                           15.3
## [11701]
           15.6
                 16.2
                       17.4
                             16.5
                                  16.2
                                              12.3
                                                   11.2 10.6
                                                               10.4
                                                                     10.2
                                        14.1
                                                                            9.9
## [11713]
            9.3
                  8.7
                        8.9
                             8.8
                                  10.2
                                        11.8
                                              14.7
                                                    17.1
                                                          18.7
                                                               19.8
                                                                     20.9
                                                                           21.5
## [11725]
           21.6
                 21.6
                       21.3
                             20.7
                                  19.7
                                        17.0 15.0
                                                    13.2
                                                          11.6
                                                               10.3
                                                                      9.3
                                                                            8.5
## [11737]
            7.8
                  7.1
                        6.6
                             6.4
                                  10.8
                                        13.1 14.1 15.3 15.9
                                                               16.7
                                                                     17.2
                                                                          17.6
## [11749]
           18.1
                 18.1
                       17.2
                            16.2
                                  15.0
                                        13.4 12.3
                                                   11.6 11.0
                                                                9.5
                                                                      8.6
                                                                            8.2
## [11761]
            7.7
                  7.8
                        7.5
                             6.7
                                  11.0
                                        11.8 12.7
                                                    13.7 14.6 15.4 16.1 17.4
## [11773]
           18.1
                 18.2
                      18.0
                            17.6
                                  17.2
                                        16.4 15.7
                                                    15.5 15.4
                                                               15.1
                                                                     14.8
                                                                           14.5
## [11785]
           13.8
                 13.4
                      13.0
                            12.5
                                  11.5
                                        14.5 16.4 18.3 19.8 21.0 21.8 22.2
## [11797]
           22.1
                 21.3
                       20.4
                            19.5
                                  18.1
                                        15.3 13.4 13.6 13.6 13.1 12.3 12.1
                      11.3
                                  12.0
                                              17.9 19.6 20.4 19.7
## [11809]
           11.9
                 11.6
                            11.2
                                        15.4
                                                                     20.1
                                                                          21.0
## [11821]
           21.6
                 21.4
                      20.9
                            20.1
                                  18.9
                                        16.7
                                              14.0
                                                    12.8 12.2
                                                               12.0 12.5
                                                                           12.5
           12.6 12.5 12.2 11.4
                                  12.2
                                        15.2 18.2 19.8 20.9 21.5 22.0
                                                                           22.5
## [11833]
                                  20.9
                                              17.2 16.0 15.4
## [11845]
           22.8
                 22.7
                       22.4
                            21.9
                                        18.7
                                                               14.9 14.3
                                                                           13.7
## [11857]
           13.0
                 12.4
                      11.9
                            11.5
                                  13.9
                                        17.0
                                              19.6
                                                    21.3
                                                          22.7
                                                               23.6
                                                                     24.1
                                                                           24.3
## [11869]
           24.0
                 23.6
                            22.2
                                  21.1
                                        18.9
                                              17.4
                                                    16.3
                                                          14.2
                                                               14.3
                                                                     13.9
                       23.0
                                                                           13.7
                                  15.1
                                             20.4
                                                    22.1 23.1
## [11881]
           13.6
                13.3
                      13.0
                            12.8
                                        18.0
                                                               23.9
                                                                     24.3
                                                                           24.6
## [11893]
           24.6
                 24.1
                       23.7
                             23.2
                                  21.9
                                        18.0
                                              16.4 15.4
                                                         14.4
                                                               13.6
                                                                     13.1
                                                                           12.7
## [11905]
           11.7
                 11.2
                       11.2
                            11.2
                                  10.8
                                        14.7
                                              18.5
                                                    20.6
                                                          21.9
                                                               22.9
                                                                     23.7
                                                                           24.2
## [11917]
           25.3
                 25.2
                       24.8
                            24.0
                                  23.1
                                        21.1
                                              19.5
                                                   17.9
                                                          16.4
                                                               15.3 14.3
                                                                           13.4
                                              20.8
                                                    23.1
## [11929]
           12.7
                 12.0
                       11.4
                            10.9
                                  14.9
                                        18.1
                                                          24.8
                                                               26.1
                                                                     27.0
                                                                           27.5
## [11941]
           27.4
                 26.8
                       26.2
                             25.2
                                  23.8
                                        21.3
                                             19.8 19.1 18.4
                                                               17.7
                                                                     17.1
                                                                          16.5
                                                    23.7
                                                                     26.5
## [11953]
           16.2
                 15.9
                       15.5
                            15.0
                                  15.2
                                        19.0
                                              22.0
                                                          24.9
                                                               25.8
                                                                           26.8
## [11965]
           27.3
                 27.0
                       26.4
                            25.6
                                  24.3
                                        22.2 20.7
                                                    19.8 18.9
                                                               18.1 17.9
                                                                          17.4
## [11977]
           16.5
                 15.8
                       15.3
                            14.8
                                  18.0 20.2 22.3
                                                    23.8 25.2
                                                               26.4 27.1
## [11989]
           27.2
                 26.9
                       26.7
                             26.1
                                  24.9
                                        21.9
                                              19.2 18.0 17.4
                                                               17.2 17.3
                                                                          17.0
## [12001]
           16.5
                 16.3
                       16.0
                             16.1
                                  19.3
                                        22.3
                                              24.9
                                                    26.9
                                                          28.4
                                                               29.3
                                                                     30.0
                                                                           30.5
                                  27.4 24.9 22.7
                            28.3
                                                    21.5 20.4 19.8
## [12013]
           30.4
                 29.8
                       29.0
                                                                     20.1
                                                                           20.3
## [12025]
                19.2
                       18.6
                            18.4
                                  20.0
                                        21.9
                                              24.8
                                                    27.1
                                                          28.8
                                                               29.9
                                                                     29.9
           19.2
## [12037]
           28.8
                 28.9
                       28.5
                            27.9
                                  27.2
                                        25.8 24.0
                                                    23.2
                                                         22.8
                                                               21.9
                                                                     21.0 20.5
## [12049]
                      19.4
                            18.8
                                  20.9
                                        24.1
                                              26.3
                                                    28.0
                                                          29.5
           20.1
                 19.8
                                                               30.3
                                                                     31.1
                                                                           31.6
## [12061]
           31.6
                       30.4
                            29.7
                                  27.7
                                        24.4
                                              21.2
                                                    20.5
                                                         19.3
                                                               19.4
                                                                     18.6
                 31.0
                                                                           18.8
                                  17.9
                                        19.7
                                              21.3
                                                    22.5
                                                          23.5
                                                                     23.8
## [12073]
           18.6
                 17.7
                       16.5
                            16.1
                                                               24.6
                 24.9
                                  22.0
                                        20.1
                                                    18.5 17.3
                                                               17.1
## [12085]
           26.2
                       21.9
                             23.4
                                              18.7
                                                                     16.8
                                                                          16.7
## [12097]
           16.5
                 16.2
                       15.8
                            15.4
                                  18.0
                                        18.2
                                              18.0
                                                    19.8
                                                          19.3
                                                               22.7
                                                                     21.6
                                                                           22.1
## [12109]
                 23.5
                       23.0
                            22.3
                                  21.3
                                        19.2 17.8 17.0
                                                         15.3
                                                               14.1
                                                                     13.4
                                                                          12.7
           21.9
## [12121]
           11.9
                 11.4
                      10.9
                            10.9
                                  14.1
                                        16.1 18.0 19.8 21.8
                                                               23.4
                                                                     23.5 23.2
                                  20.0
## [12133]
           23.0
                 22.7
                       22.6
                            21.5
                                        18.1
                                              16.4
                                                   15.7
                                                          15.1
                                                               13.9
                                                                     12.8 12.4
## [12145]
           12.1
                 11.6
                      11.2
                            10.6
                                  13.0
                                        15.4 17.8 19.8
                                                         21.6
                                                               23.2
                                                                     23.7
                                                                           24.3
                                        18.6 16.5 15.4 14.7 14.1 13.2 12.5
## [12157]
           24.9
                 24.8 23.8
                            22.3
                                  20.7
## [12169]
           12.0 11.8 11.6 11.5
                                  15.2
                                       18.1 20.4 22.0 23.2 24.4 25.4 26.3
           26.5 26.6 26.3 25.7 24.7 22.0 19.7 18.8 17.9 17.1 16.5 15.9
## [12181]
```

```
## [12193]
            15.4 15.0 14.8 14.7 17.1 20.3 23.0
                                                     25.2 27.4 28.7
                                                                       29.0
## [12205]
           29.0
                 28.4
                       27.6
                             26.5
                                   25.0
                                         23.5
                                               19.8 19.2 18.9
                                                                 18.4
                                                                       17.7
                                                                             17.5
                                                     25.1
                                                           26.5
                                                                 27.7
## [12217]
           17.6
                 18.0
                       18.3
                             18.5
                                   20.1
                                         23.0
                                              23.7
                                                                       28.6
                                         22.0
## [12229]
                                               19.4
                                                           17.0
           27.2
                 26.7
                       26.5
                             25.1
                                   23.6
                                                     17.7
                                                                 16.7
                                                                       17.5
                                                                             16.5
## [12241]
           16.2
                 16.0
                       16.2
                             16.7
                                   15.8
                                         19.9
                                               23.1
                                                     25.4
                                                           26.7
                                                                 27.5
                                                                       28.3
                                                                             28.7
## [12253]
           27.7
                 27.7
                       26.4
                             26.2
                                   26.0 24.8 21.7
                                                     19.8
                                                           18.2
                                                                 16.6
                                                                       15.6
                                                                             15.0
                       13.3
                             12.9
                                   16.6
                                         19.8
                                               21.8
                                                     23.5
                                                           24.6
                                                                 25.5
## [12265]
           14.4 13.8
                                                                       26.4
## [12277]
           27.1
                 26.8
                       25.1
                             23.6
                                   22.9
                                         20.7
                                               18.3 17.0 16.0 15.0 13.8
                                                                             12.8
## [12289]
           12.2
                 11.9
                       11.8
                             11.7
                                   14.9
                                         17.0
                                               18.4
                                                     19.5
                                                           20.5
                                                                 21.3
                                                                       22.0
                                                                             22.5
           22.9
                 22.9
                                   20.2
                                         18.0 15.6 14.3
## [12301]
                       22.5
                             21.5
                                                           13.3
                                                                 12.3 12.0
                                                                             11.6
## [12313]
           11.3
                 10.9
                       10.7
                             11.0
                                   12.9
                                         15.7
                                               17.8
                                                     19.2
                                                           20.5
                                                                 21.6
                                                                       22.5
                             22.5
## [12325]
           23.2
                 23.1
                       22.9
                                   21.7
                                         19.4
                                               15.5
                                                     13.9
                                                           13.1
                                                                 12.5
                                                                       12.1
                                                                             11.9
## [12337]
           11.8
                 11.8
                       12.0
                             12.3
                                   14.3
                                         17.7
                                               20.7
                                                     22.8
                                                           24.4
                                                                 25.5
                                                                       26.4
                                                                             26.9
           27.1
                 20.2
                       19.0
                             17.1
                                   17.5
                                         17.7
                                               17.3
                                                     17.0
                                                           16.6
                                                                       15.9
## [12349]
                                                                 16.0
                                                                             15.5
## [12361]
           15.2
                 14.8
                       14.8
                             13.3
                                   15.4
                                         17.1
                                               18.8
                                                     20.2
                                                           20.1
                                                                 22.7
                                                                       25.1
                                                                             27.3
## [12373]
            27.6
                 27.2
                       26.6
                             25.3
                                   24.0
                                         21.6
                                               19.2
                                                     17.8
                                                           17.2
                                                                 16.8
                                                                       16.6
                                                                             16.3
## [12385]
            16.1
                 14.3
                                   15.2
                                         17.1
                                               18.4
                                                     19.7
                                                           21.0
                                                                 22.0
                                                                       22.8
                                                                             23.5
                       12.7
                             11.7
## [12397]
           23.9
                 24.2
                       24.3
                             23.4
                                   21.9
                                         19.8
                                              17.3
                                                     16.2
                                                           15.3
                                                                 14.7
                                                                       14.5
           13.9
## [12409]
                 13.5
                       13.5
                             13.8
                                   15.4
                                         17.4 19.1
                                                     20.7
                                                           22.4
                                                                 23.7
                                                                       24.9
                                                                             26.1
## [12421]
           27.0
                 27.6
                       27.2
                             26.4
                                   25.8
                                         23.8
                                               20.0
                                                     18.2
                                                           17.0
                                                                 16.6
                                                                       16.0
                                                                             16.1
                                                                       31.8
## [12433]
           16.2
                 16.3
                       16.1
                             16.4
                                   16.7
                                         20.5
                                               23.5
                                                     26.4
                                                           28.7
                                                                 30.5
                                                                             32.6
## [12445]
           31.4
                 29.4
                       30.0
                             29.7
                                   28.3
                                         26.5
                                               24.6
                                                     22.9
                                                           21.2
                                                                 19.8
                                                                      18.6
           16.6
                                                           25.4
## [12457]
                 15.8
                       15.1
                             14.7
                                   21.4
                                         23.6
                                               24.5
                                                     24.7
                                                                 25.8 25.7
                                                                             25.7
           25.7
                 25.5
                       25.1
                             23.9
                                   22.7
                                         21.3
                                               18.2
                                                     18.1
                                                           18.5
                                                                 19.1
                                                                       19.2
## [12469]
                                                                             18.2
                                                                 23.2 21.2
                                   18.4 20.1
                                               19.9
                                                     19.8
                                                           21.9
                                                                             23.3
## [12481]
           17.9
                 17.3
                       17.0
                             16.6
## [12493]
           23.5
                 22.5
                       23.0
                             22.1
                                   21.1
                                         19.5
                                               16.5
                                                     15.7
                                                           15.6
                                                                 15.5 15.0
                                                                             14.3
## [12505]
           14.9
                 14.7
                       14.7
                             14.8
                                   16.4
                                         20.0
                                               22.2
                                                     23.9
                                                           25.2
                                                                 26.3
                                                                       26.9
                                                                             27.2
           27.4
                             25.5
                                   24.3
                                         22.2
                                               19.4
                                                     18.2
                                                           17.6
                                                                 17.7
## [12517]
                 27.1
                       26.6
                                                                       17.5
                                                                             17.6
           17.6
                                                     25.0
                                                           26.3
## [12529]
                 17.4
                       17.1
                             17.0
                                   16.8 20.6
                                               23.1
                                                                 27.3
                                                                       28.0
                                                                             28.5
## [12541]
           29.0
                 28.9
                       28.4
                             27.5
                                   26.2
                                         23.9
                                               21.6
                                                     20.9
                                                           20.2
                                                                 19.7
                                                                       19.3
                                                                             19.0
## [12553]
            18.6
                 18.2
                       17.8
                             17.4
                                   21.2
                                         24.4
                                               26.9
                                                     28.6
                                                           30.0
                                                                 31.0
                                                                       32.0
                                                                             32.6
## [12565]
           32.9
                 32.8
                       32.3
                             31.6
                                   30.5
                                         27.9
                                               24.9
                                                     23.8
                                                           22.4
                                                                 21.9
                                                                       21.8
                                                                             21.2
                                               28.8
                                                     30.7
                                                           32.3
## [12577]
            20.3
                 20.0
                       19.8
                             20.1
                                   23.4
                                         26.5
                                                                 33.4
                                                                       34.0
                                                                             34.6
                                                                       20.5
## [12589]
                 35.0
                       33.8
                             32.3
                                   31.2
                                         28.8
                                               24.7
                                                     22.9
                                                           22.3
                                                                 21.4
           35.1
                                                                            19.8
## [12601]
           19.0
                 18.2
                       17.2
                             16.3
                                   19.7
                                         21.4
                                               22.8
                                                     24.2
                                                           25.7
                                                                 27.0
                                                                       28.3
                                                                             29.2
## [12613]
           29.7
                 29.7
                       29.4
                             28.7
                                   27.3
                                         24.9
                                               21.9
                                                     20.6
                                                           19.5
                                                                 18.7
                                                                       18.0
                                                                            17.3
## [12625]
           16.6
                 16.2
                       16.1
                             16.0
                                   18.9
                                         21.1
                                               22.9
                                                     24.4
                                                           25.7
                                                                 27.2
                                                                       28.6 29.6
## [12637]
           30.3
                 30.4
                       30.1
                             29.0
                                   27.6
                                         25.4
                                               22.4
                                                     20.7
                                                           19.5
                                                                 18.7
                                                                       18.1
                                                                             17.6
## [12649]
            17.1
                 16.7
                       16.4
                             16.5
                                   19.2
                                         22.0
                                               24.2
                                                     26.1
                                                           27.9
                                                                 29.4
                                                                       30.4
                                                                             31.2
                                                     23.0
## [12661]
           31.9
                 32.2
                       32.2 31.5
                                   30.0 27.7
                                               24.6
                                                           21.9 21.2
                                                                       21.5
                                                                             21.2
                 20.4
                       19.1
                             18.6
                                   21.9
                                         24.3
                                               26.1
                                                     27.7
                                                           29.1
                                                                 30.5
## [12673]
           20.6
                                                                       31.4
## [12685]
           32.8
                 31.9
                       30.5
                             30.1
                                   30.5
                                         28.9
                                               27.0
                                                     26.0
                                                           26.3
                                                                 24.9
                                                                       23.6
                                                                             23.1
## [12697]
                             18.1
                                               22.2
                                                     23.6
           21.6
                 20.3
                       18.8
                                   19.7
                                         20.9
                                                           24.9
                                                                 26.1
                                                                       26.7
                                                                             26.5
           26.3
                 26.6
                       26.4
                             25.8
                                   24.9
                                         23.0
                                               19.5
                                                     17.9
                                                           16.8
## [12709]
                                                                 16.0 15.4
                                                                             15.1
                                               23.2
                                                     24.2
                                                           25.4
## [12721]
            15.1
                 15.0
                       14.8
                             14.5
                                   18.2
                                         21.3
                                                                 26.4
                                                                       27.2
                                                                             27.9
                                         22.9
                                                     17.8
## [12733]
            28.3
                 28.0
                       26.2
                             25.1
                                   25.1
                                               19.1
                                                           16.5
                                                                 15.8
                                                                       15.2
                                                                             14.9
                                                     24.5
## [12745]
            14.7
                 14.4
                       14.0
                             14.0
                                   16.9
                                         20.1
                                               22.5
                                                           25.8
                                                                 26.7
                                                                       27.1
                                                                             27.5
## [12757]
                 28.0
                       27.9
                             27.2
                                   26.2
                                         24.1
                                               19.6 17.8
                                                           16.8
                                                                 16.3
            27.9
                                                                       15.7
                                                                             15.0
## [12769]
           14.8
                 14.6
                       14.4
                             14.4
                                   17.6
                                         20.1
                                               22.0
                                                     23.8
                                                           25.1
                                                                 26.2
                                                                       27.2
                                                                             27.3
                             27.8
                                   26.6
## [12781]
           28.1
                 28.2
                       28.3
                                         24.4
                                               20.2
                                                     18.5
                                                           17.4
                                                                 16.9
                                                                       16.6
                                                                             16.6
## [12793]
            16.8
                 16.4
                       16.0
                             16.3
                                   19.9
                                         23.6
                                               26.6
                                                     29.0
                                                           31.0
                                                                 32.8
                                                                       33.9
                                                                             34.7
## [12805]
           34.9
                 34.7
                       34.2
                             33.3
                                   31.5 28.2 24.0 23.5 23.0 21.8 20.7
                                                                             20.6
## [12817]
           20.2 19.1
                       18.8
                             18.7
                                   20.4
                                         21.6 22.1 23.2 24.2 25.0 25.7 26.2
## [12829]
           25.9
                 25.5 24.8 23.7
                                   22.4 20.7 18.9 18.4 17.7 17.0 16.4 16.1
```

```
## [12841]
            15.8 15.5 15.3 15.1 16.9
                                          19.0 20.6
                                                       21.8 22.6 23.5
                                                                          24.4
## [12853]
            25.5
                  25.5
                        25.1
                              24.1
                                     22.8
                                           20.9
                                                 18.6
                                                       17.8
                                                             17.3
                                                                   16.5
                                                                          16.0
                                                                                15.9
                                                 17.7
## [12865]
            16.7
                  16.8
                        16.5
                               16.5
                                     15.9
                                           16.6
                                                       18.9
                                                              20.1
                                                                    21.3
                                                                          23.5
                                                                                25.5
## [12877]
                                           25.3
                                                 22.1
                                                       20.0
                                                              18.2
            29.8
                  29.9
                        29.7
                               29.0
                                     27.7
                                                                    16.3
                                                                          14.8
                                                                                13.7
## [12889]
            13.1
                  12.9
                        13.2
                               14.5
                                     18.9
                                           22.3
                                                 24.8
                                                       26.7
                                                              28.2
                                                                    29.1
                                                                          29.2
                                                                                29.2
## [12901]
            29.2
                  29.2
                        28.8
                              28.1
                                     27.0
                                           25.3
                                                 22.3
                                                       21.2
                                                              20.3
                                                                   19.9
                                                                          19.7
                                                                                19.7
                  20.2
                        20.0
                              19.8
                                     21.6
                                           25.3
                                                 27.4
                                                       28.7
                                                              30.2
                                                                    31.4
                                                                          32.4
## [12913]
            20.0
## [12925]
                  32.7
                              30.4
                                     29.6
                                           28.2
                                                 24.5
                                                       23.6
                                                              22.2
                                                                          20.6
            33.2
                        31.2
                                                                    21.2
                                                                                20.3
## [12937]
            20.3
                  20.5
                        19.8
                               18.9
                                     20.0
                                           20.8
                                                 22.4
                                                       23.8
                                                              24.6
                                                                    25.4
                                                                          25.8
                                                                                26.2
                  28.5
                              27.0
                                     25.9
                                                 20.9
                                                       20.0
                                                              19.2
## [12949]
            28.8
                        27.8
                                           24.1
                                                                    18.5
                                                                          17.8
                                                                                17.2
                                           23.0
                                                 25.2
## [12961]
            16.5
                  15.8
                        15.2
                               14.8
                                     19.6
                                                       26.5
                                                              27.9
                                                                    28.8
                                                                          29.2
                  27.6
## [12973]
            28.5
                        26.7
                               25.5
                                     24.5
                                           23.1
                                                 20.9
                                                       19.4
                                                              19.3
                                                                    18.1
                                                                          17.9
                                                                                17.4
## [12985]
            16.9
                  16.7
                        16.9
                               16.7
                                     19.0
                                           21.5
                                                 23.8
                                                       23.5
                                                              23.5
                                                                    22.8
                                                                          22.2
                                                                                21.9
## [12997]
                  22.7
                        24.2
                               23.5
                                     22.7
                                           21.3
                                                       17.0
                                                              16.6
                                                                    16.5
                                                                          16.9
            21.9
                                                 18.0
                                                                                16.3
## [13009]
            16.2
                  16.1
                        17.0
                               17.4
                                     18.3
                                           20.9
                                                 22.8
                                                       24.4
                                                              25.6
                                                                    26.5
                                                                          27.0
                                                                                27.4
## [13021]
            26.6
                  26.4
                        26.7
                               25.8
                                     24.9
                                           23.4
                                                 20.9
                                                       20.1
                                                              19.4
                                                                    18.9
                                                                          18.5
                                                                                18.2
## [13033]
            18.0
                  17.3
                        17.3
                               17.2
                                     19.8
                                           22.6
                                                 24.3
                                                       25.7
                                                              26.8
                                                                    27.5
                                                                          27.9
                                                                                28.1
## [13045]
            28.1
                  28.0
                        27.6
                              27.0
                                     26.0
                                           24.6
                                                 22.0
                                                       21.3
                                                              20.6
                                                                    20.5
                                                                          20.2
                                                                                19.5
## [13057]
            18.7
                  18.2
                        18.1
                              18.4
                                     20.9
                                           23.8
                                                 25.8
                                                       27.3
                                                              28.3
                                                                    28.7
                                                                          29.3
                                                                                29.5
## [13069]
            29.4
                  29.2
                        28.8
                               28.6
                                     27.9
                                           27.0
                                                 25.6
                                                       24.1
                                                              23.1
                                                                    22.3
                                                                          20.1
                                                                                19.6
## [13081]
            18.9
                  18.5
                        18.2
                              17.8
                                     21.9
                                           24.5
                                                 26.1
                                                       27.6
                                                              28.8
                                                                    29.6
                                                                          30.1
                                                                                30.4
## [13093]
            28.9
                  29.0
                        30.0
                               29.1
                                     27.0
                                           24.9
                                                 22.4
                                                       22.0
                                                              21.4
                                                                    21.0
                                                                          20.8
                                                              28.1
## [13105]
            20.0
                  19.7
                        19.5
                              18.8
                                     20.3
                                           23.3
                                                 25.4
                                                       26.9
                                                                    28.8
                                                                          28.1
                                                                                29.8
## [13117]
            30.0
                  29.7
                        28.9
                               28.0
                                     26.9
                                           25.2
                                                 22.6
                                                       21.9
                                                              21.4
                                                                    21.2
                                                                          21.0
                                                                                20.0
            19.1
                  18.1
                                           22.6
                                                 25.1
                                                       27.1
                                                              28.5
                                                                    29.5
                                                                          30.0
## [13129]
                        18.1
                              17.7
                                     19.2
                                                                                30.7
## [13141]
            32.0
                  31.9
                        31.5
                               30.9
                                     29.9
                                           28.1
                                                 24.9
                                                       23.2
                                                              21.6
                                                                    20.1
                                                                          18.7
                                                                                17.5
## [13153]
            16.8
                  16.3
                        16.0
                              17.0
                                     18.7
                                           20.0
                                                 21.9
                                                       24.3
                                                              26.3
                                                                    27.8
                                                                          29.0
                                                                                29.8
                  31.8
                        31.5
                               30.7
                                     29.6
                                           27.8
                                                 24.5
                                                       23.0
                                                              21.5
## [13165]
            31.8
                                                                    20.3
                                                                          19.0
                                                                                18.1
                                                       25.4
                                                              26.7
                                                                          29.3
                                                                                30.3
## [13177]
            17.5
                  17.1
                        17.3
                              18.1
                                     20.5
                                           22.7
                                                 24.2
                                                                    28.0
## [13189]
            30.9
                  30.5
                        29.8
                               29.3
                                     28.5
                                           27.1
                                                 25.2
                                                       24.0
                                                              22.5
                                                                    22.2
                                                                          21.6
                                                                                21.1
## [13201]
            20.5
                  19.8
                        19.7
                               19.9
                                     22.7
                                           25.4
                                                 26.9
                                                       28.3
                                                              29.6
                                                                    30.4
                                                                          30.1
                                                                                28.8
## [13213]
            30.6
                  29.0
                        30.1
                               29.5
                                     28.9
                                           27.6
                                                 24.6
                                                       25.0
                                                              24.2
                                                                    24.1
                                                                          23.4
                                                                                22.6
                                                 25.9
                                                       27.4
                                                              28.7
## [13225]
            22.0
                  21.1
                        20.6
                               20.3
                                     22.1
                                           24.2
                                                                    29.7
                                                                          30.4
                                                                                30.3
## [13237]
            30.5
                  30.3
                        30.1
                               29.5
                                     28.5
                                           26.8
                                                 24.0
                                                       23.1
                                                              22.8
                                                                    22.3
                                                                          22.0
                                                                                21.6
                                                       27.8
## [13249]
            21.1
                  20.8
                        20.4
                               20.2
                                     20.6
                                           24.0
                                                 26.3
                                                              28.9
                                                                    30.0
                                                                          30.7
                                                                                31.3
## [13261]
            32.2
                  32.3
                        32.2
                              31.8
                                     30.9
                                           29.0
                                                 26.7
                                                       25.3
                                                              24.2
                                                                    23.4
                                                                          22.7
                                                                                21.8
## [13273]
            20.8
                  19.9
                        19.2
                              18.4
                                     23.0
                                           26.0
                                                 28.2
                                                       29.7
                                                              31.1
                                                                    32.1
                                                                          32.8
                                                                                33.4
## [13285]
            33.7
                  33.7
                        33.5
                              32.8
                                     31.5
                                           29.1
                                                 25.2
                                                       23.9
                                                              23.0
                                                                    22.4
                                                                          22.2
                                                                                22.2
## [13297]
            21.6
                  21.0
                        20.7
                               20.4
                                     24.1
                                           26.9
                                                 29.4
                                                       31.2
                                                              32.2
                                                                    33.2
                                                                          33.9
                                                                                34.4
                                                 25.3
                                                       24.2
                                                              23.3
                                                                    22.8
## [13309]
            34.5
                  33.8
                        32.7
                              31.7
                                     30.3
                                           28.4
                                                                          22.8
                                                                                22.7
## [13321]
                  22.6
                        22.3
                              21.8
                                     21.9
                                           25.4
                                                 28.1
                                                       30.2
                                                              31.9
                                                                    33.2
                                                                          34.0
            22.6
## [13333]
            34.5
                  34.5
                        34.1
                              33.4
                                     32.5
                                           30.4
                                                 27.9
                                                       27.0
                                                              26.2
                                                                    25.2
                                                                          24.2
                                                                                23.3
                               20.3
                                     22.7
                                           24.6
                                                 26.5
                                                       28.2
                                                              29.5
## [13345]
            22.4
                  21.6
                        21.0
                                                                    30.6
                                                                          31.4
                                                                                32.2
            31.8
                  32.1
                        31.6
                               30.8
                                     29.7
                                           27.8
                                                 25.2
                                                       23.6
                                                              22.6
                                                                    22.0
                                                                          21.6
## [13357]
                                                                                21.2
                                           24.5
                                                 26.1
                                                       27.4
                                                              28.4
                                                                    29.5
                                                                          30.1
## [13369]
            21.6
                  21.3
                        20.8
                               20.1
                                     22.7
                                                                                30.2
                                           27.2
                                                 24.7
                                                       23.4
                                                              24.1
                                                                    22.0
## [13381]
            30.5
                  30.5
                        30.3
                               29.6
                                     28.6
                                                                          21.6
                                                                                20.9
                                                       25.5
                                                              27.2
## [13393]
            20.8
                  20.3
                        20.4
                               20.4
                                     20.0
                                           21.9
                                                 23.8
                                                                    28.1
                                                                          27.0
                                                                                28.8
## [13405]
                  27.8
                        27.0
                               26.2
                                     25.2
                                           23.3
                                                 19.9
                                                       22.2
                                                              21.8
                                                                    20.7
                                                                          20.0
                                                                                18.7
            28.4
## [13417]
            18.7
                  18.5
                        18.5
                               18.2
                                     18.8
                                           21.7
                                                 22.8
                                                       24.2
                                                              26.5
                                                                    27.7
                                                                          28.5
                                                                                29.2
                                     27.8
                                                       23.4
                                                              22.2
                                                                          21.0
## [13429]
            29.0
                  29.3
                        29.3
                               28.6
                                           26.6
                                                 24.3
                                                                    21.3
                                                                                20.7
## [13441]
            20.3
                  19.7
                        19.1
                               18.7
                                     21.0
                                           22.5
                                                 23.7
                                                       25.6
                                                              27.5
                                                                    28.7
                                                                          29.1
                                                                                29.4
                                                      22.0
                                                                   21.2 20.9 20.8
## [13453]
            30.2
                  30.2
                        29.9
                               29.4
                                     28.1
                                          26.1
                                                 23.6
                                                              21.4
## [13465]
            20.0
                  19.1
                        18.8
                              19.0
                                     20.3
                                           23.5
                                                 26.3
                                                       28.3
                                                             29.5
                                                                   30.5 31.4
                                                                               32.1
                                           28.4 26.9
## [13477]
            31.6 32.4 32.2 31.3 29.9
                                                       24.4 23.1 22.6 22.4 22.0
```

```
## [13489]
            21.7
                  21.4
                         20.8
                               20.3
                                      22.6
                                            25.0
                                                  27.1
                                                         29.1 31.0 32.4
                                                                            33.7
## [13501]
            34.7
                   34.7
                         34.7
                               33.3
                                      31.7
                                            30.0
                                                  28.3
                                                         26.8
                                                               26.2
                                                                      25.7
                                                                            25.5
                                                                                  25.1
                                                         29.6
                                                               31.3
                                                                            34.1
                                                                                   34.3
## [13513]
            24.5
                   22.4
                         21.6
                               21.0
                                      23.0
                                            25.5
                                                  27.6
                                                                      32.8
## [13525]
                         33.7
                               33.3
                                      32.6
                                            31.0
                                                   28.9
                                                         27.9
                                                               26.0
            33.6
                  33.7
                                                                      25.0
                                                                            24.6
                                                                                  24.2
## [13537]
            24.0
                   23.7
                         23.4
                               23.0
                                      23.3
                                            26.4
                                                   29.9
                                                         32.0
                                                               33.5
                                                                      34.3
                                                                            34.9
                                                                                   35.3
## [13549]
            35.2
                  35.2
                         35.0
                               34.5
                                      33.4
                                            30.8
                                                  27.9
                                                         26.6
                                                               25.9
                                                                      25.1
                                                                            24.6
                                                                                  24.1
                   22.7
                         22.1
                               21.6
                                      23.9
                                            27.3
                                                   30.1
                                                         32.4
                                                               34.1
                                                                      35.4
## [13561]
            23.2
                                                                            36.0
                   35.3
                         34.6
                               33.4
                                      31.8
                                            29.7
                                                   26.7
                                                         25.7
                                                               25.0
                                                                      27.3
## [13573]
            36.1
                                                                            26.6
                                                                                  25.8
##
  Γ135851
            24.6
                   23.5
                         22.8
                               22.3
                                      22.8
                                            24.1
                                                   25.1
                                                         26.5
                                                               28.0
                                                                      29.7
                                                                            31.0
                                                                                   31.5
                               29.8
                                      28.6
                                            26.6
                                                   24.4
                                                         23.3
                                                               22.5
                                                                            21.0
##
  [13597]
            31.6
                  31.3
                         30.4
                                                                      21.8
                                                                                  20.1
                                            23.5
  [13609]
            19.4
                  19.1
                         18.8
                               18.5
                                      20.9
                                                   25.3
                                                         26.6
                                                               27.5
                                                                      28.4
                                                                            29.1
                                                                                  29.6
                                      27.0
                                            25.2
                                                   23.2
                                                         22.3
                                                                            20.0
## [13621]
            29.7
                   29.5
                         29.1
                               28.3
                                                               21.4
                                                                      20.7
                                                                                  19.3
                                                         25.5
## [13633]
            18.6
                  18.4
                         17.9
                               17.5
                                      19.7
                                            22.2
                                                   24.0
                                                               26.3
                                                                      27.1
                                                                            28.0
                                                                                  28.7
            28.9
                   28.8
                         28.2
                               27.4
                                      26.2
                                            24.4
                                                   22.5
                                                         21.9
                                                               21.5
                                                                            20.5
## [13645]
                                                                      21.1
                                                                                  19.9
## [13657]
            19.6
                  19.3
                         19.0
                               18.6
                                      18.1
                                            19.7
                                                   21.3
                                                         23.7
                                                               26.6
                                                                      28.5
                                                                            29.8
                                                                                  30.7
##
   [13669]
            31.7
                   31.7
                         31.3
                               30.5
                                      29.1
                                            27.0
                                                   23.7
                                                         21.0
                                                               19.3
                                                                      18.3
                                                                            17.6
                                                                                  17.0
            16.4
                  15.9
                         16.4
                               17.3
                                      20.0
                                            23.0
                                                  25.1
                                                         26.9
                                                               28.3
                                                                      29.7
                                                                            31.2
##
  [13681]
                                                                                  32.1
## [13693]
            32.6
                   33.2
                         33.5
                               32.9
                                      31.8
                                            29.1
                                                   24.8
                                                         23.6
                                                               22.6
                                                                      21.9
                                                                            21.3
                                                                                  20.9
## [13705]
                  21.5
                         21.7
                               22.0
                                      24.9
                                            27.9
                                                   31.3
                                                         33.7
                                                               35.8
                                                                      37.4
                                                                            38.3
                                                                                  38.7
            21.1
## [13717]
            38.8
                   38.8
                         38.2
                               37.3
                                      35.7
                                            32.6
                                                  29.7
                                                         28.6
                                                               27.8
                                                                      27.2
                                                                            26.5
                                                                                  26.0
## [13729]
            25.9
                  26.3
                         26.4
                               25.9
                                      27.4
                                            28.0
                                                   29.4
                                                         30.8
                                                               32.1
                                                                      33.1
                                                                            34.0
                                                                                  34.6
## [13741]
            33.9
                   31.6
                         29.4
                               28.0
                                      26.6
                                            24.7
                                                   23.3
                                                         23.2
                                                               23.1
                                                                      22.5
                                                                            21.8
                                                         26.8
                                                               27.4
## [13753]
            21.0
                  20.4
                         20.0
                               19.9
                                      21.6
                                            23.5
                                                   25.2
                                                                      27.7
                                                                            28.4
                                                                                  28.9
## [13765]
            29.1
                   28.8
                         28.1
                               26.9
                                      25.4
                                            23.6
                                                   22.0
                                                         21.5
                                                               20.9
                                                                      20.4
                                                                            19.9
                                                                                  19.5
            18.9
                  18.4
                                      19.0
                                            21.7
                                                   24.0
                                                         25.3
                                                               25.9
                                                                      26.3
                                                                            27.2
                                                                                  27.6
## [13777]
                         17.9
                               17.1
                                                   21.7
## [13789]
            27.7
                   27.6
                         27.2
                               26.3
                                      25.0
                                            23.2
                                                         21.2
                                                               20.7
                                                                      20.1
                                                                            19.7
## [13801]
            18.6
                  17.9
                         17.4
                               17.1
                                      19.3
                                            21.7
                                                   23.7
                                                         25.0
                                                               25.8
                                                                      26.5
                                                                            27.5
                                                                                  28.3
## [13813]
            28.5
                   28.4
                         27.8
                               26.8
                                      25.5
                                            23.7
                                                   22.1
                                                         21.4
                                                               21.0
                                                                            19.9
                                                                      20.5
                                                                                  19.4
            19.0
                                                   24.2
                                                         25.7
                                                               27.2
## [13825]
                  18.4
                         17.7
                               17.1
                                      19.7
                                            22.1
                                                                      28.1
                                                                            28.5
                                                                                  28.7
## [13837]
            29.0
                   28.9
                         28.6
                               27.9
                                      26.7
                                            25.1
                                                   23.3
                                                         22.3
                                                               21.4
                                                                      20.6
                                                                            19.4
                                                                                  18.4
                                                         27.4
                                                               29.1
## [13849]
            18.1
                   18.1
                         18.1
                               18.2
                                      19.5
                                            23.0
                                                   25.4
                                                                      30.4
                                                                            31.6
                                                                                   32.2
##
  [13861]
            31.5
                   30.5
                         29.7
                               28.9
                                      27.7
                                            26.4
                                                   23.7
                                                         22.5
                                                               22.2
                                                                      21.3
                                                                            20.9
                                                                                  20.3
                                      21.9
                                                   26.3
                                                         27.3
                                                                28.5
  [13873]
            19.4
                   19.2
                         19.1
                               19.4
                                            24.9
                                                                      29.5
                                                                            30.1
                                                                                   30.4
                                            26.8
## [13885]
                  30.9
                         30.7
                               30.1
                                      28.8
                                                   24.6
                                                         23.9
                                                               22.8
                                                                      22.1
                                                                            21.5
                                                                                  20.8
            30.6
                                                         25.8
## [13897]
            20.0
                   19.8
                         19.8
                               19.7
                                      18.6
                                            21.9
                                                   23.9
                                                               27.5
                                                                      28.8
                                                                            29.8
                                                                                   30.4
## [13909]
            31.9
                  31.6
                         31.3
                               30.6
                                      29.5
                                            27.6
                                                  24.3
                                                         22.5
                                                               21.3
                                                                      20.5
                                                                            19.9
                                                                                  19.4
## [13921]
            18.6
                  17.9
                         17.3
                               18.1
                                      19.4
                                            20.6
                                                  22.2
                                                         24.3
                                                               26.5
                                                                      28.2
                                                                            29.6
                                                                                  30.7
## [13933]
            33.2
                  33.2
                         32.9
                               32.2
                                      30.9
                                            28.1
                                                   24.9
                                                         22.6
                                                               20.7
                                                                      19.1
                                                                            17.5
                                                                                  16.7
## [13945]
            16.2
                   15.7
                         16.4
                               17.1
                                      17.9
                                            19.4
                                                   21.7
                                                         24.5
                                                               27.2
                                                                      29.2
                                                                            30.7
                                                                                  31.7
                                            28.7
                                                   26.2
                                                         24.1
                                                               22.2
                                                                      20.0
## [13957]
            35.0
                   35.0
                         34.6
                               33.7
                                      32.2
                                                                            18.1
                                                                                  16.8
## [13969]
                         15.5
                               16.7
                                      20.1
                                            23.0
                                                   25.1
                                                         26.8
                                                               28.1
                                                                      29.4
                                                                            30.5
            16.0
                  15.5
                                                                            21.4
## [13981]
            32.0
                  32.1
                         31.6
                               30.5
                                      28.9
                                            26.4
                                                   24.3
                                                         23.2
                                                               22.0
                                                                      21.2
                                                                                  21.2
## [13993]
                   20.9
                               20.9
                                      22.2
                                            24.4
                                                   25.7
                                                         26.3
                                                               27.7
                                                                      28.7
                                                                            29.6
            20.9
                         20.9
                                                                                  30.0
## [14005]
            30.4
                   30.5
                         29.1
                               28.4
                                      28.4
                                            26.4
                                                   24.4
                                                         23.3
                                                               22.3
                                                                      21.8
                                                                            21.5
                                                                                  21.2
                               20.0
                                      22.0
                                                   24.8
                                                         26.9
                                                               28.1
                                                                      28.8
## [14017]
            20.8
                   20.4
                         20.2
                                            23.7
                                                                            27.9
                                                                                  30.5
                                      27.1
                                            25.1
                                                   23.5
                                                         22.9
                                                               22.3
## [14029]
            30.7
                   30.5
                         29.2
                               28.2
                                                                      21.7
                                                                            21.1
                                                                                   20.5
                                                   23.3
                                                         25.0
                                                               25.9
## [14041]
            19.9
                   19.6
                         19.3
                               19.0
                                      21.6
                                            22.7
                                                                      27.0
                                                                            27.7
                                                                                   28.5
## [14053]
                   28.4
                         27.7
                               27.0
                                      25.9
                                            23.9
                                                   22.5
                                                         21.8
                                                               21.2
                                                                      20.6
                                                                            20.2
                                                                                  19.8
            28.8
## [14065]
            19.2
                  18.5
                         18.0
                               17.7
                                      19.8
                                            22.3
                                                   24.1
                                                         25.3
                                                               25.9
                                                                      26.5
                                                                            27.2
                                                                                  27.8
                         27.1
                               25.9
                                      24.3
                                            22.1
                                                         20.6
## [14077]
            28.0
                   27.8
                                                   20.9
                                                               20.2
                                                                      19.8
                                                                            19.3
                                                                                  19.0
## [14089]
            18.6
                  18.2
                         17.9
                               17.6
                                      14.3
                                            18.5
                                                  21.9
                                                         23.7
                                                               24.9
                                                                      25.9
                                                                            26.6
                                                                                  27.0
                  27.8
                                      25.4
## [14101]
            28.1
                         27.4
                               26.6
                                            23.5
                                                  21.1
                                                         19.3
                                                               18.0
                                                                      16.9
                                                                            15.9
                         13.5
## [14113]
            14.5
                  14.0
                               13.0
                                      14.0
                                            18.2
                                                  21.8
                                                         23.4
                                                               24.7
                                                                      25.8
                                                                            26.7
                                                                                  27.2
                                      25.1
                                            22.8 20.2 18.2 16.9 15.9 15.1 14.6
## [14125]
            28.0
                  27.9 27.4 26.5
```

```
## [14137]
            14.1
                  13.6 13.1 12.5 17.8 21.0 22.6 23.6 24.5 25.3 25.9
## [14149]
           26.8
                  26.5
                        26.2
                              25.5
                                    24.3
                                          22.2 21.0
                                                      20.5
                                                            18.8
                                                                  18.2 17.1
                                                                               16.2
                                                      24.1
## [14161]
            15.7
                  15.6
                        15.6
                              15.4
                                    17.3
                                          20.4 22.7
                                                            25.3
                                                                   26.2
                                                                        26.8
                                          23.4
                                                21.6
                                                      20.3
                                                            19.4
## [14173]
            27.7
                  27.8
                        27.5
                              26.8
                                    25.6
                                                                   18.6
                                                                        18.1
                                                                               18.0
## [14185]
            17.9
                  17.6
                        17.5
                              17.4
                                    17.5
                                          20.8
                                                23.0
                                                      24.9
                                                            26.3
                                                                   27.4
                                                                        28.5
                                                                               29.3
## [14197]
           29.8
                  30.2
                        30.1
                              29.3
                                    27.8
                                         24.7
                                                22.2
                                                      21.2
                                                            20.8
                                                                  20.0
                                                                        19.4
                                                                               18.9
## [14209]
                  18.2
                        18.1
                              17.8
                                    18.2
                                          21.5
                                                23.6
                                                      25.2
                                                            26.6
                                                                  27.7
                                                                        28.7
            18.3
## [14221]
            30.3
                  29.9
                        29.0
                              27.8
                                    26.2
                                          23.7
                                                22.3
                                                      21.4
                                                            20.8
                                                                  20.1
                                                                        19.4
                                                                               19.0
## [14233]
            18.6
                  18.2
                        18.1
                              18.0
                                    19.5
                                          21.8
                                                24.0
                                                      25.8
                                                            27.3
                                                                  28.0
                                                                        28.8
                                                                               29.1
            29.0
                  29.0
                        28.3
                              27.3
                                    26.0
                                                23.4
                                                      23.0
                                                            22.1
                                                                        20.7
                                                                               20.3
## [14245]
                                          24.1
                                                                  21.3
                                          22.5
## [14257]
            20.0
                  19.6
                        19.4
                              19.2
                                    20.4
                                                24.4
                                                      26.3
                                                            27.8
                                                                   28.6
                                                                        28.9
                                                                               29.2
                              27.1
                                    25.5
                                                      21.4
## [14269]
            29.2
                  28.9
                        28.2
                                          23.4
                                                22.2
                                                            20.7
                                                                   19.7
                                                                        18.5
                                                                               17.8
## [14281]
            17.5
                  17.3
                        17.1
                              16.8
                                    18.5
                                          19.5
                                                21.2
                                                      23.3
                                                            25.7
                                                                   27.7
                                                                        29.0
                                                                               29.8
## [14293]
            30.7
                  30.8
                        30.5
                              29.8
                                    28.4
                                          25.5
                                                22.3
                                                      20.5
                                                            19.3
                                                                   18.2
                                                                        17.5
                                                                               16.8
## [14305]
            16.3
                  15.9
                        15.2
                              14.7
                                    18.6
                                          22.2
                                                24.6
                                                      26.3
                                                            27.3
                                                                   28.1
                                                                        29.2
                                                                               30.0
## [14317]
            30.3
                  30.2
                        29.7
                              28.6
                                    27.0
                                          24.7
                                                23.4
                                                      22.8
                                                            22.3
                                                                   21.7
                                                                        21.1
                                                                               20.5
## [14329]
            20.0
                  19.6
                              18.9
                                    20.0
                                          22.7
                                                25.0
                                                      26.6
                                                            27.4
                                                                  28.6
                                                                        29.5
                        19.4
                                                                               30.2
## [14341]
            30.3
                  30.2
                        29.6
                              28.4
                                    26.7
                                          24.4
                                                23.4
                                                      22.7
                                                            21.9
                                                                  21.1
                                                                        20.7
                                                                               20.3
## [14353]
            19.9
                  19.4
                        19.0
                              18.3
                                    19.6
                                          21.8
                                                23.4
                                                      24.6
                                                            25.3
                                                                  26.0
                                                                        26.8 27.3
## [14365]
            27.5
                  27.3
                        26.7
                              25.6
                                    24.1
                                          22.0
                                                21.0
                                                      20.6
                                                            20.0
                                                                  19.5
                                                                        19.2
                                                                               18.7
## [14377]
            18.3
                  17.7
                        17.1
                              16.5
                                    17.3
                                          20.2 22.4
                                                      23.7
                                                            24.8
                                                                  25.3
                                                                        26.3
                                                                               27.0
## [14389]
            27.4
                  27.3
                        26.7
                              25.5
                                    23.8
                                          21.5
                                                20.4
                                                      19.9
                                                            19.4
                                                                  18.9
                                                                        18.5
                                                22.3
                                                      23.9
## [14401]
            17.6
                  17.1
                        16.3
                              15.9
                                    16.9
                                          20.2
                                                            25.0
                                                                  25.9
                                                                        26.8
                                                                               27.6
## [14413]
            27.9
                  27.8
                        27.3
                              26.3
                                    24.7
                                          22.3
                                                21.2
                                                      20.6
                                                            20.1
                                                                  19.5
                                                                        18.9
                                                                               18.4
                              16.8
                                          20.2 22.6
                                                      24.2
                                                            25.3
                                                                  25.9
                                                                        26.9
## [14425]
            17.8
                 17.2
                        16.9
                                    17.7
                                                                               27.5
                        26.8
                                          22.0
## [14437]
            27.7
                  27.5
                              25.6
                                    24.2
                                                21.1
                                                      20.6
                                                            19.7
                                                                  18.9
                                                                        18.2
                                                                              17.9
## [14449]
            17.5
                  17.1
                        16.8
                              16.5
                                    18.1
                                          20.7
                                                23.0
                                                      24.4
                                                            25.7
                                                                  26.8
                                                                        27.5
                                                                               27.7
           27.5
                  27.3
                              26.0
                                    24.6
                                                21.5
                                                      20.4
                                                            19.1
                                                                  18.5
                                                                        17.6
## [14461]
                        26.9
                                          22.5
                                                                               16.9
                  16.8
                                                      24.6
                                                            25.5
                                                                        27.0
## [14473]
           16.5
                        16.7
                              16.3
                                    17.0
                                          20.3
                                                23.0
                                                                  26.1
                                                                               27.8
## [14485]
            28.2
                  28.2
                        27.9
                              27.1
                                    25.5
                                          23.0
                                                22.0
                                                      21.2
                                                            20.5
                                                                  19.9
                                                                        19.3
                                                                              18.8
## [14497]
            18.5
                  18.2
                        17.8
                              17.5
                                    18.1
                                          20.7
                                                23.1
                                                      24.8
                                                            26.0
                                                                  26.7
                                                                        27.5
                                                                               28.0
## [14509]
            28.2
                  28.1
                        27.5
                              26.3
                                    24.6
                                          22.0
                                                20.9
                                                      20.3
                                                            19.6
                                                                  18.9
                                                                        18.4
                                                                               17.8
                                                22.2
                                                      24.2
                                                            25.2
                                                                   25.9
## [14521]
            17.4
                  16.9
                        16.6
                              16.4
                                    16.7
                                          19.4
                                                                        27.0
                                                                               27.9
## [14533]
            28.4
                  28.5
                        28.0
                              27.0
                                    25.4
                                          22.8
                                                21.5
                                                      20.5
                                                            19.7
                                                                   19.0
                                                                        18.4
                                                                              18.3
## [14545]
            18.2
                  18.2
                        18.0
                              17.0
                                    16.4
                                          19.8
                                                22.2
                                                      24.0
                                                            25.7
                                                                  27.0
                                                                        28.1
                                                                               29.3
## [14557]
           30.0
                  30.3
                        30.2
                              29.5
                                    27.8
                                          23.6 21.9
                                                      20.7
                                                            19.6
                                                                  18.7
                                                                        18.4
                                                                               18.0
## [14569]
            17.7
                  17.3
                        16.9
                              16.6
                                    17.3
                                          21.1
                                                23.7
                                                      25.6
                                                            27.2
                                                                  28.7
                                                                        29.7
                                                                               30.7
## [14581]
           31.3
                  31.4
                        31.3
                              30.9
                                    29.5
                                          24.4
                                                22.8
                                                      21.8
                                                            20.9
                                                                  20.2
                                                                        19.4
                                                                              18.6
## [14593]
            18.0
                  17.8
                        17.8
                              17.6
                                    17.6
                                          20.8
                                                22.9
                                                      24.4
                                                            25.6
                                                                  26.9
                                                                        28.1
                                                                               29.1
                                                            20.5
                              28.3
## [14605]
            29.5
                  29.5
                        29.0
                                    26.6
                                          23.8 22.6
                                                      21.6
                                                                  19.6 19.0
                                                                               18.5
                        17.8
                              19.3
                                    19.4
                                          20.6
                                                21.7
                                                      23.8
                                                            25.2
                                                                  26.4
## [14617]
            18.6
                  18.1
                                                                        27.1
## [14629]
            25.3
                  26.4
                        26.3
                              25.8
                                    24.5
                                          22.0
                                                19.8 17.9
                                                            16.4
                                                                  15.3 14.6
                                                                              14.1
                                    14.7
                                          18.4
                                                20.8
                                                      22.6
## [14641]
            13.8
                  13.5
                        13.3
                              14.3
                                                            24.2
                                                                  25.6
                                                                        26.8
                                                                               27.8
                  28.6
                        28.3
                              27.3
                                    25.5
                                          21.0
                                                19.6
                                                      18.4
                                                            18.0
                                                                  17.5
                                                                        16.8
## [14653]
           28.4
                                                                              16.2
                                    16.5
                                          20.3
                                                23.8
                                                      25.9
                                                            27.6
                                                                  28.9
## [14665]
            16.0
                  15.8
                        15.9
                              15.7
                                                                        29.8
                                                                               30.7
                                    27.9
                                                23.0
                                                      22.1
## [14677]
            31.2
                  31.3
                        30.8
                              29.5
                                          24.9
                                                            21.6
                                                                  21.3
                                                                        21.1
                                                                               21.1
                                                      29.2
## [14689]
            21.0
                  20.7
                        20.5
                              20.3
                                    19.8
                                          22.6
                                                26.6
                                                            30.6
                                                                  31.7
                                                                        32.5
                                                                               33.2
## [14701]
                                    30.1
                                          26.1
                                                23.6
                                                      23.1
                                                            22.4
                                                                  21.8
                                                                        21.6
            33.6
                  33.6
                        33.2
                              32.3
                                                                               21.2
                        20.4
## [14713]
            20.9
                  20.7
                              20.4
                                    20.9
                                          23.8
                                                27.4
                                                      30.3
                                                            32.1
                                                                   33.4
                                                                        34.5
                                                                               35.2
                                    29.2
                                                      25.4
                                                                        22.6
## [14725]
            35.4
                  34.8
                        33.6
                              31.9
                                          26.7
                                                26.0
                                                            24.3
                                                                  23.2
                                                                               21.7
## [14737]
            20.9
                  20.1
                        20.0
                              19.8
                                    19.7
                                          23.0
                                                25.4
                                                      27.1
                                                            28.3
                                                                  29.2
                                                                        29.9
                                                                               30.7
                                    24.2 22.6 22.6 22.3 20.7
## [14749]
            30.7
                  29.9
                        28.3
                              26.2
                                                                  19.8 18.6
                                                                              17.8
## [14761]
            17.1
                  16.7
                        16.0 15.6
                                   14.4
                                         14.4 14.4 14.5 15.2 15.6 15.7
                                                                              15.9
            15.7 16.0 16.1 15.4 15.2 15.0 14.8 14.6 14.5 14.6 14.6 14.7
## [14773]
```

```
## [14785]
           14.6 14.6 14.6 14.6 14.3 14.9 15.3 15.9 16.5 16.8 17.0
## [14797]
           18.0
                 18.9
                       18.7
                             17.0
                                   16.4
                                         16.4 16.2 16.1
                                                           16.0
                                                                 15.8
                                                                       15.9
                                                                             15.7
                                   15.6
                                                                 20.0
## [14809]
           16.0
                 15.8
                       15.8
                             15.5
                                         15.6
                                               16.4
                                                     16.7
                                                           18.4
                                                                       21.5
## [14821]
                             23.8
                                   23.5
                                         22.0
                                               21.6 19.9
                                                           20.4
                                                                 18.6
           23.4
                 24.1
                       24.9
                                                                       17.6
                                                                             16.9
## [14833]
           16.2
                 15.7
                       16.8
                             17.3
                                   17.5
                                         17.9
                                               18.6
                                                     19.6
                                                           20.7
                                                                 22.3
                                                                       24.3
                                                                             25.5
## [14845]
           26.6
                 26.9
                       26.7
                             26.1
                                   24.9
                                         23.1
                                              22.6
                                                     22.2 21.1 20.1 19.5
                                                                             19.0
                       17.8
                             17.5
                                   18.2
                                         19.2
                                               20.4
                                                     20.9
                                                           21.1
                                                                 21.8
                                                                       22.3
## [14857]
           18.7
                 18.2
                 23.8
                       23.3
                             22.8
                                   22.1
                                         21.1
                                               20.8
                                                     20.6
                                                           20.5
                                                                 20.4
                                                                       20.1
## [14869]
           24.2
                                                                             19.9
                                               20.3
                                                     20.8
                                                           20.5
## [14881]
           19.3
                 18.4
                       18.9
                             17.9
                                   19.1
                                         19.6
                                                                 20.2
                                                                       20.8
                                                                             21.2
                             20.7
                                   20.2
                                         19.9
                                               19.9
                                                     19.8
                                                           18.8
## [14893]
           21.3
                 21.3
                       21.0
                                                                 18.3
                                                                       18.4
                                                                             18.2
                       18.3
## [14905]
           18.2
                 17.9
                             17.7
                                   16.3
                                         16.8
                                               17.4
                                                     17.7
                                                           18.5
                                                                 19.0
                                                                       20.1
                                   21.9
                                         20.6
## [14917]
           23.2
                 23.8
                       23.7
                             23.2
                                               19.9
                                                     19.5
                                                           19.0
                                                                 18.4
                                                                       18.2
                                                                             17.9
## [14929]
           17.2
                 17.0
                       16.7
                             16.5
                                   16.2
                                         18.1
                                               20.8
                                                     22.6
                                                           24.2
                                                                 25.5
                                                                       26.4
                                                                             27.1
## [14941]
           27.4
                 27.3
                       26.6
                             25.4
                                   23.6
                                         21.2
                                               20.1
                                                     20.7
                                                           20.9
                                                                 20.3
                                                                       19.3
                                                                             19.6
## [14953]
           19.4
                 18.7
                       18.0
                             17.6
                                   17.3
                                         18.6
                                               20.3
                                                     22.0
                                                           23.7
                                                                 24.4
                                                                       24.9
                                                                             25.4
## [14965]
           25.6
                 25.5
                       25.0
                             24.1
                                   22.3
                                         20.4
                                               19.6
                                                     18.9
                                                           18.4
                                                                 18.0
                                                                       17.5
                                                                             17.1
## [14977]
           16.9
                 16.7
                       17.5
                             17.6
                                   15.4
                                         17.8
                                              20.3
                                                     22.0
                                                           23.1
                                                                 24.1
                                                                       25.2
                                                                             25.9
## [14989]
           26.2
                 26.1
                       25.8
                             25.0
                                   23.2
                                         20.8 20.2 19.4
                                                           18.6
                                                                 17.9
                                                                       17.2
## [15001]
           16.2
                 16.2
                       16.3
                             16.2
                                   16.5
                                         17.6 19.1
                                                     21.2
                                                           22.6
                                                                 23.8
                                                                       24.7
                                                                             25.1
## [15013]
           25.5
                 25.5
                       25.0
                             24.2
                                   22.4
                                         19.9
                                               19.8
                                                     19.9
                                                           19.1
                                                                 19.4
                                                                       19.2
                                                                             18.7
## [15025]
           18.4
                 18.2
                       18.0
                             17.9
                                   18.1
                                         19.2 20.8
                                                     21.8
                                                           23.4
                                                                 24.2
                                                                       25.0
                                                                             25.5
## [15037]
           25.8
                 25.5
                       24.7
                             23.3
                                   21.7
                                         20.3
                                               19.6
                                                     18.8
                                                           18.1
                                                                 18.1
                                                                       17.4
           16.4
                                                     22.5
## [15049]
                 16.2
                       15.8
                             15.5
                                   16.9
                                         19.2
                                               20.7
                                                           23.5
                                                                 24.1
                                                                       24.4
                                                                             23.3
## [15061]
           24.7
                 24.1
                       23.9
                             22.8
                                   20.8
                                         19.2
                                               18.6
                                                     18.0
                                                           17.4
                                                                 16.8
                                                                       16.2
                                                                             15.6
           15.0
                 14.6
                             13.9
                                         15.6 17.9 19.6
                                                           20.7
                                                                 21.4 21.9
## [15073]
                       14.3
                                   13.9
                                                                             21.6
## [15085]
           21.0
                 20.6
                       19.9
                             18.9
                                   17.5
                                         16.6 16.1
                                                     15.3
                                                           14.5
                                                                 14.0 13.6
## [15097]
           12.8
                 12.5
                       12.3
                             12.0
                                   11.9
                                         13.9
                                               16.5
                                                     18.5
                                                           19.8
                                                                 20.9
                                                                       21.7
                                                                             22.2
                             20.0
                                   18.3
                                         16.8
                                               16.0
                                                     15.4
                                                           15.0
## [15109]
           22.1
                 21.6
                       20.8
                                                                 14.4
                                                                       13.5
                                                                             13.0
                                                           20.0
## [15121]
           12.4
                 12.0
                       11.9
                             11.8
                                   11.0
                                         13.6 16.8 18.9
                                                                 20.9
                                                                       21.6
                                                                             22.0
## [15133]
           22.2
                 22.0
                       21.6
                             20.6
                                   18.9
                                         17.6
                                               16.8
                                                     16.1
                                                           15.4
                                                                 14.7
                                                                       14.2
                                                                             13.8
## [15145]
           13.5
                 13.2
                       13.0
                             13.0
                                   12.9
                                         15.2
                                               18.5
                                                     20.5
                                                           21.5
                                                                 22.2
                                                                       22.6
                                                                             23.1
## [15157]
           23.5
                 23.5
                       23.0
                             22.0
                                   20.0
                                         18.2 17.3
                                                     16.6
                                                           15.7
                                                                 14.8
                                                                       13.9
                                                                             13.5
## [15169]
           13.2
                 13.1
                       12.9
                             12.8
                                   12.7
                                         15.6 18.1
                                                     19.8
                                                           21.1
                                                                 21.9
                                                                       22.1
                                                                             23.1
## [15181]
           23.5
                 23.4
                       23.2
                             22.4
                                   20.2
                                         19.1
                                               18.1
                                                     16.9
                                                           16.2
                                                                 16.0
                                                                       15.0
                                                                             14.7
## [15193]
           14.4
                 14.1
                       13.7
                             13.5
                                   13.6
                                         15.7
                                               18.5
                                                     20.3
                                                           21.9
                                                                 23.3
                                                                       24.4
                                                                             25.2
## [15205]
           25.5
                 25.5
                       25.1
                             23.7
                                   21.0
                                         19.4 18.7
                                                     18.0
                                                           17.6 17.0 17.4
                                                                             17.0
## [15217]
           17.0
                 16.9
                       16.8
                             16.8
                                   16.4
                                         17.9 19.5
                                                     20.9
                                                           21.8 22.4 23.3
                                                                             23.0
## [15229]
           23.2
                 23.6
                       23.0
                             21.7
                                   19.7
                                         18.9
                                               18.3
                                                     17.8 17.2
                                                                 16.8
                                                                      16.5
                                                                             16.2
## [15241]
           15.9
                 15.6
                       15.1
                             14.5
                                   14.2
                                         15.7
                                               18.2
                                                     20.0
                                                           20.8
                                                                 21.2
                                                                       21.8
                                                                             22.2
## [15253]
           22.3
                 21.8
                       21.0
                             19.8
                                   18.0
                                         17.3 16.8 16.2 15.7
                                                                 15.2 14.8
                                                                             14.2
## [15265]
                 13.2
                       12.9
                             12.6
                                   12.6
                                         14.1
                                               16.6 18.2 19.3
                                                                 19.7
           13.7
                                                                       20.3
## [15277]
           20.8
                 20.6
                       20.1
                             19.1
                                   17.1
                                         16.4
                                               16.1 15.6
                                                           14.9
                                                                 14.3 13.9
                                                                             13.7
                             11.9
                                   10.9
                                         12.9
                                                     18.3
## [15289]
           13.2
                 12.8
                       12.3
                                               16.0
                                                           20.3
                                                                 21.9
                                                                       23.1
                                                                             24.0
           24.5
                 24.6
                       24.3
                             22.8
                                   19.2
                                                     16.6
                                                           16.3
                                                                 15.5
                                                                       15.6
## [15301]
                                         17.7
                                               16.9
                                                                             15.0
                                   14.5
                                         15.9
                                                     22.4
                                                                 25.4
## [15313]
           14.5
                 14.3
                       14.5
                             14.5
                                               19.6
                                                           24.1
                                                                       26.4
           27.2
                 26.9
                                               17.9
                                                     17.9
                                                           17.5
## [15325]
                       25.7
                             23.6
                                   19.7
                                         18.1
                                                                 17.1
                                                                       16.9
                                                                             17.0
                                               21.2
                                                     24.2
## [15337]
           16.6
                 16.3
                       16.1
                             16.2
                                   16.9
                                         18.0
                                                           26.0
                                                                 27.0
                                                                       27.5
                                                                             27.7
## [15349]
                 28.0
                       27.6
                             26.3
                                   23.4
                                         22.0 20.4 19.5
                                                           19.0
                                                                 18.6
                                                                      18.4
                                                                             18.1
           28.0
           18.1
## [15361]
                 17.8
                       17.2
                             16.9
                                   16.7
                                         17.7
                                               21.1
                                                     23.6
                                                           25.1
                                                                 26.2
                                                                       26.7
                                                                             26.6
                             23.6
                                   21.1
## [15373]
           26.3
                 25.7
                       24.9
                                         19.6
                                               18.7
                                                     18.7
                                                           18.6
                                                                 18.0
                                                                       17.5
                                                                             17.4
## [15385]
           17.3
                 16.8
                       16.4
                             16.5
                                   17.4
                                         20.3 21.6
                                                     22.8
                                                           23.7
                                                                 25.0
                                                                       24.9
                                                                             25.1
## [15397]
           25.2
                 26.9
                       25.5
                             24.0
                                   23.1 21.6 21.2 21.0 20.8 20.6 20.4 20.4
## [15409]
           20.2
                 19.8
                       19.5
                             19.2
                                   20.4 20.7 21.4 21.9 22.4 22.3 22.6
                                                                            22.8
## [15421]
           22.7 22.3 21.8 21.0 19.1 18.6 18.8 18.4 18.1 17.9 17.7 17.6
```

```
## [15433]
            17.5
                   17.5 17.4 17.3 15.0
                                            16.5 19.0
                                                         20.8 21.9
                                                                      22.7
                                                                             22.8
## [15445]
            22.2
                   21.8
                         21.3
                                20.4
                                      18.6
                                             17.8
                                                   17.3
                                                         16.9
                                                                16.5
                                                                      16.1
                                                                             15.9
                                                                                   15.8
## [15457]
                                                                       21.2
                                                                             22.0
            15.7
                   15.5
                         14.9
                                14.8
                                      13.8
                                             15.2
                                                   17.7
                                                          19.3
                                                                20.5
                                                                                   22.5
                                      19.4
                                             18.5
                                                   17.7
                                                          16.9
                                                                16.3
## [15469]
            22.9
                   22.9
                         22.7
                                21.6
                                                                       15.7
                                                                             16.1
                                                                                   15.3
## [15481]
            15.1
                   14.8
                         14.7
                                14.7
                                      13.9
                                             15.0
                                                   17.9
                                                          19.7
                                                                21.2
                                                                       22.2
                                                                             22.8
                                                                                    23.3
## [15493]
            23.6
                   23.5
                         22.9
                                21.4
                                      19.4
                                             18.5
                                                   17.8
                                                         17.2
                                                                16.5
                                                                      16.0
                                                                             15.5
                                                                                   15.1
                         14.8
                                14.7
                                      13.1
                                             14.4
                                                   17.5
                                                         19.3
                                                                20.5
                                                                       21.3
## [15505]
            15.0
                   14.9
                                                                             21.8
            22.4
                   22.3
                         21.8
                                20.6
                                      18.8
                                                   17.5
                                                         16.9
                                                                16.2
                                                                      15.5
## [15517]
                                            18.1
                                                                             15.0
                                                                                   14.6
##
   Γ155291
            14.2
                   14.0
                         13.8
                                13.6
                                      13.2
                                             14.7
                                                   18.1
                                                          20.6
                                                                22.7
                                                                       24.5
                                                                             25.7
                                                                                    26.4
            26.6
                   26.2
                                             18.7
                                                   18.8
                                                         18.9
                                                                18.5
                                                                       18.0
##
  [15541]
                         25.2
                                23.4
                                      19.9
                                                                             17.7
                                                                                    16.7
                                             16.5
  [15553]
            16.0
                   15.6
                         15.4
                                15.3
                                      14.9
                                                   20.0
                                                          21.9
                                                                23.5
                                                                       24.5
                                                                             25.0
                                                                                    25.4
                                      20.6
                                                         17.5
## [15565]
            25.4
                   25.1
                         24.3
                                22.9
                                             19.3
                                                   18.4
                                                                16.7
                                                                       16.1
                                                                             15.7
                                                                                   15.5
## [15577]
            15.2
                   15.2
                         15.0
                                14.9
                                      15.0
                                             15.5
                                                   16.9
                                                          18.6
                                                                20.3
                                                                       22.2
                                                                             23.8
                                                                                    25.2
## [15589]
            26.0
                   26.4
                         25.7
                                23.7
                                      20.6
                                             19.2
                                                   18.4
                                                          18.1
                                                                17.5
                                                                       17.0
                                                                             16.8
                                                                                   16.4
  [15601]
            16.1
                   15.8
                         15.8
                                15.2
                                      15.7
                                             16.3
                                                   19.7
                                                          22.1
                                                                23.6
                                                                       24.7
                                                                             25.5
                                                                                    25.9
   [15613]
            26.0
                   25.5
                         24.9
                                23.9
                                      22.0
                                             20.9
                                                   20.0
                                                         19.5
                                                                19.2
                                                                       19.1
                                                                             19.0
                                                                                    18.9
            18.9
                   19.0
                         19.0
                                18.8
                                      19.7
                                             20.2
                                                   21.6
                                                         22.5
                                                                23.0
                                                                       23.6
                                                                             24.1
##
   [15625]
                                                                                   21.9
   [15637]
            21.0
                   20.3
                         19.6
                                19.6
                                      18.2
                                             17.6
                                                   17.9
                                                         15.3
                                                                14.2
                                                                       13.4
                                                                             12.8
## [15649]
                         11.5
                                10.8
                                      11.5
                                             11.0
                                                   13.6
                                                         14.5
                                                                14.8
                                                                      15.4
                                                                             16.4
            12.0
                   11.5
                                                                                   17.0
## [15661]
            16.7
                   16.2
                         15.3
                                14.0
                                      11.8
                                             10.6
                                                   10.5
                                                         10.6
                                                                10.5
                                                                       10.4
                                                                             10.3
                                                                                   10.3
                    9.0
                          8.8
## [15673]
            10.1
                                 9.2
                                       9.7
                                             10.8
                                                   12.3
                                                         14.3
                                                                15.0
                                                                      15.5
                                                                             15.7
                                                                                    16.3
## [15685]
            16.3
                   16.5
                         16.7
                                16.2
                                      15.7
                                             15.5
                                                   15.1
                                                         15.2
                                                                15.3
                                                                       15.4
                                                                             15.6
## [15697]
            15.6
                   15.5
                         15.4
                                15.7
                                      14.0
                                             14.8
                                                   17.0
                                                         16.7
                                                                17.2
                                                                      16.8
                                                                             16.5
                                                                                   17.4
   Γ157091
                   18.8
                         19.0
                                18.5
                                      18.0
                                             17.8
                                                   17.6
                                                         17.8
                                                                18.2
                                                                      18.1
                                                                             17.9
                                                                                   17.8
##
            18.8
                                                                      20.1
                   16.4
                                                   15.1
                                                         15.9
                                                                18.1
                                                                             21.2
##
  [15721]
            17.4
                         14.5
                                14.0
                                      13.9
                                             14.1
                                                                                   21.3
  Γ157337
            20.5
                   20.4
                         19.7
                                18.6
                                      17.8
                                             17.5
                                                   17.4
                                                         17.7
                                                                18.0
                                                                       17.0
                                                                             16.0
  [15745]
            15.9
                   15.4
                         15.1
                                15.2
                                      17.2
                                             17.4
                                                   17.7
                                                          18.3
                                                                18.7
                                                                       18.8
                                                                             18.9
                                                                                   19.6
##
   [15757]
            20.2
                   20.6
                         20.5
                                19.8
                                      18.9
                                             17.6
                                                   17.0
                                                          17.0
                                                                16.9
                                                                       17.0
##
                                                                             16.6
                                                                                   15.7
            15.4
                                                          20.4
                                                                22.4
## [15769]
                   15.4
                         15.8
                                15.9
                                      16.0
                                             16.7
                                                   17.7
                                                                       23.3
                                                                             24.0
                                                                                   24.5
  [15781]
            24.6
                   24.2
                         23.1
                                21.3
                                      19.4
                                             18.4
                                                   17.9
                                                          17.2
                                                                16.7
                                                                       16.4
                                                                             15.8
                                                                                   15.6
##
  [15793]
            16.2
                   16.1
                         16.1
                                15.9
                                      15.5
                                             16.1
                                                   18.9
                                                          20.7
                                                                21.5
                                                                       22.2
                                                                             22.7
                                                                                    22.7
##
   [15805]
            22.4
                   21.6
                         20.6
                                19.3
                                      18.6
                                             17.1
                                                   16.0
                                                         15.5
                                                                15.0
                                                                       14.7
                                                                             14.7
                                                                                    14.5
                                                         15.8
   [15817]
            14.3
                   14.1
                         14.0
                                14.5
                                      11.0
                                             11.4
                                                   13.3
                                                                17.7
                                                                       18.8
                                                                             19.0
                                                                                    19.4
  [15829]
                   19.5
                         19.1
                                17.7
                                      15.3
                                             14.0
                                                   14.1
                                                         13.8
                                                                13.1
                                                                       13.2
                                                                             12.7
                                                                                   12.2
            19.6
## [15841]
            12.3
                   12.2
                         12.1
                                11.8
                                      11.2
                                             11.3
                                                   13.8
                                                          16.2
                                                                17.8
                                                                      19.1
                                                                             20.4
                                                                                   21.2
## [15853]
            21.5
                   21.0
                         20.3
                                19.0
                                      17.5
                                             16.6
                                                   15.8
                                                         14.5
                                                                14.2
                                                                      14.4
                                                                             14.1
                                                                                   14.3
## [15865]
            14.2
                   13.9
                         13.7
                                13.8
                                      12.4
                                             12.8
                                                   15.4
                                                         18.8
                                                                20.8
                                                                      22.0
                                                                             23.2
## [15877]
            24.6
                   24.3
                         23.3
                                20.9
                                      18.9
                                             18.5
                                                   18.3
                                                         17.6
                                                                16.6
                                                                      16.5
                                                                             16.3
                                                                                   15.9
   [15889]
            15.9
                   16.0
                         16.1
                                16.2
                                      15.0
                                             15.0
                                                   17.5
                                                         20.5
                                                                22.6
                                                                       23.5
                                                                             23.9
                                                                                   23.6
                                22.0
                                                   18.4
## [15901]
            22.4
                   23.1
                         23.1
                                      20.4
                                             19.4
                                                         17.4
                                                                17.2
                                                                      17.1
                                                                             17.3
                                                                                   17.0
  [15913]
                   17.2
                                17.0
                                      15.3
                                             15.4
                                                   17.7
                                                         19.2
                                                                20.2
                                                                       21.2
            16.6
                         17.1
                                                                             20.8
## [15925]
            22.7
                   22.2
                         21.7
                                20.5
                                      19.0
                                             18.1
                                                   17.3
                                                         17.3
                                                                16.9
                                                                      16.8
                                                                             16.7
                                                                                   16.5
## [15937]
                   16.1
                                15.6
                                      16.6
                                             16.7
                                                   17.7
                                                          18.6
                                                                18.9
            16.2
                         15.9
                                                                      18.9
                                                                             19.5
                                                                                   19.5
## [15949]
            19.4
                         18.6
                                             16.6
                                                         16.3
                                                                16.0
                                                                      16.0
                                                                             16.0
                   19.1
                                17.8
                                      16.9
                                                   16.6
                                                                                   15.9
## [15961]
                                      15.5
                                                         16.3
                                                                17.0
            15.8
                   15.6
                         15.5
                                15.3
                                             15.6
                                                   15.9
                                                                      17.6
                                                                             18.0
                                             15.5
                                                   14.9
                                                          15.4
                                                                15.4
## [15973]
            18.8
                   19.0
                         18.7
                                17.4
                                      16.0
                                                                       15.3
                                                                             15.2
                                                                                   15.0
                                                                16.5
##
  [15985]
            14.9
                   14.7
                         14.5
                                14.5
                                      13.2
                                             14.4
                                                   16.1
                                                         16.4
                                                                      17.9
                                                                             16.9
                                                                                   17.6
## [15997]
                   18.7
                         17.8
                                15.5
                                      14.0
                                             13.4
                                                   13.0
                                                          12.6
                                                                12.1
                                                                                    11.4
            18.8
                                                                       11.9
                                                                             11.7
## [16009]
            11.2
                   10.9
                         10.7
                                10.5
                                      10.4
                                             10.4
                                                   13.1
                                                         15.2
                                                                16.2
                                                                       16.8
                                                                             17.1
                                                                                   17.3
## [16021]
            17.1
                   17.2
                         16.9
                                15.8
                                      15.2
                                             14.9
                                                   14.7
                                                          14.0
                                                                13.5
                                                                       13.4
                                                                             13.0
                                                                                    13.2
## [16033]
            12.8
                   12.7
                         10.7
                                 9.9
                                      10.1
                                             11.0
                                                   12.6
                                                          13.7
                                                                14.1
                                                                       13.2
                                                                             13.4
                                                                                    13.1
## [16045]
            13.1
                   12.8
                         12.3
                                11.8
                                      10.4
                                              9.6
                                                    8.9
                                                           8.3
                                                                 8.1
                                                                        8.0
                                                                              7.9
                                                                                    7.7
                    7.1
                                                    7.3
## [16057]
             7.3
                          7.0
                                 7.0
                                       6.1
                                              6.4
                                                           8.3
                                                                 8.8
                                                                        9.4
                                                                              9.4
                                                                                     9.3
## [16069]
             9.2
                    9.7
                          8.8
                                 8.7
                                       8.8
                                              8.1
                                                    7.0
                                                           6.6
                                                                 7.0
                                                                        6.4
                                                                              5.8
                                                                                     4.9
```

```
## [16081]
             4.2
                   4.0
                         3.8
                               3.6
                                     3.2
                                           3.1
                                                  4.2
                                                        5.8
                                                              7.3
                                                                    9.0 10.3 11.3
                  11.4
## [16093]
            11.5
                        10.7
                                     8.9
                                           8.2
                                                  7.5
                                                        6.9
                                                                    4.9
                                                                          4.2
                                                                                3.4
                               9.1
                                                              6.0
## [16105]
             2.9
                   2.3
                         1.7
                               1.4
                                     2.1
                                           2.3
                                                  3.5
                                                        5.3
                                                              7.0
                                                                    8.7
                                                                          9.8
                                                                               10.7
## [16117]
                                                              5.0
                                                                    4.5
                                                                                4.3
            11.0
                  11.0
                        10.4
                               8.8
                                     9.5
                                           9.2
                                                  8.8
                                                        6.1
                                                                          4.5
## [16129]
             4.1
                   4.1
                         4.5
                               4.9
                                     2.7
                                           3.1
                                                  6.1
                                                        7.9
                                                             10.3
                                                                   12.0
                                                                         12.6
                                                                               12.7
## [16141]
            13.9
                  13.8
                       13.3
                              11.6
                                    10.1
                                           9.6
                                                10.2
                                                      12.4
                                                             12.9
                                                                   12.8 15.2
                                                                              13.9
            13.2
                  12.6
                        13.1
                              13.5
                                    10.3
                                           9.2
                                                  9.8
                                                      11.3
                                                             11.5
                                                                   11.5
                                                                         10.9
## [16153]
                  12.7
                        13.3
                              11.9
                                          10.6
                                                10.2
                                                      10.3
                                                             10.2
                                                                    9.7
## [16165]
            11.8
                                    11.1
                                                                          9.8
                                                                                9.9
                              10.3
## [16177]
             9.3
                  10.0
                        10.1
                                    10.2
                                           9.5
                                                13.1
                                                      15.8
                                                             17.2
                                                                   18.3
                                                                         19.0
                                                                               19.6
            19.9
                  19.8
                                    16.8
                                                16.3
                                                      16.1
                                                             16.1
                                                                   16.1
                                                                         16.0
                                                                               16.0
## [16189]
                        19.5
                              17.9
                                          16.2
## [16201]
            15.7
                  15.6
                        15.5
                              15.5
                                    15.6
                                          15.1
                                                16.6
                                                      18.5
                                                             20.1
                                                                   21.1
                                                                         21.9
                                                                               22.3
## [16213]
            22.2
                  21.7
                        20.9
                              19.1
                                    18.1
                                          17.5
                                                17.2
                                                      16.9
                                                             16.7
                                                                   17.4
                                                                         17.6
                                                                               16.9
## [16225]
            15.8
                  16.2
                        16.9
                              15.8
                                    13.5
                                          13.3
                                                16.1
                                                      18.6
                                                             20.5
                                                                   21.8
                                                                         22.6
                                                                               23.1
            23.5
                  23.3
                        22.5
                              20.0
                                    18.5
                                                      16.5
                                                             16.0
                                                                   16.1
                                                                         16.2
## [16237]
                                          17.8
                                                17.1
                                                                               16.0
## [16249]
            16.1
                  15.8
                        16.0
                              16.5
                                    13.9
                                          13.9
                                                15.6
                                                      18.8
                                                             21.1
                                                                   21.8
                                                                         23.9
                                                                               21.6
## [16261]
            17.6
                  16.1
                        16.5
                              16.8
                                    16.0
                                          15.9
                                                14.8
                                                      14.2
                                                             13.9
                                                                   13.8
                                                                         13.7
                                                                               13.8
## [16273]
            13.9
                  14.1
                        14.2
                              14.4
                                    14.3
                                          14.4
                                                16.4
                                                      18.4
                                                             20.0
                                                                   21.0
                                                                         21.6
                                                                               21.8
## [16285]
            21.9
                  21.6
                        20.7
                              18.8
                                    17.7
                                          16.9
                                                16.3
                                                      15.9
                                                             15.5
                                                                   15.2 14.9
                                                                               14.7
## [16297]
            14.2 13.8
                        13.8
                              14.3
                                    13.6
                                          13.9
                                                16.6 19.0
                                                             20.5
                                                                   21.2
                                                                         21.6
                                                                               21.6
## [16309]
            21.4
                  21.0
                        19.9
                              18.4
                                    17.7
                                          17.9
                                                17.6
                                                      16.5
                                                             16.4
                                                                   16.3
                                                                         16.0
                                                                               15.7
                                                                         16.1
## [16321]
            15.3
                  15.0
                        14.9
                              15.1
                                    15.7
                                          15.9
                                                16.3
                                                      17.0
                                                             16.8
                                                                   16.3
                                                                               15.8
## [16333]
            15.9
                  16.4
                        14.9
                              13.6
                                    14.0
                                          13.9
                                                13.6
                                                      13.6
                                                             13.7
                                                                   13.2
                                                                         13.3
                                                12.7
## [16345]
            13.4
                  13.1
                        13.1
                              12.7
                                    12.9
                                          12.4
                                                      12.7
                                                             13.3
                                                                   13.7
                                                                         13.8
                                                                               13.0
            13.0
                  13.3
                        13.2
                              11.6
                                    10.5
                                          10.0
                                                 9.9
                                                      10.2
                                                              9.8
                                                                    9.7
                                                                         10.0
## [16357]
                                                                               10.3
                               7.2
                                                  9.6
                                                      12.3
                                                             13.7
                                                                   14.0
                                                                         14.8
                                                                               15.0
## [16369]
            10.2
                   9.7
                         8.1
                                     8.0
                                           8.1
                              13.6
                                          12.0
## [16381]
            14.9
                  14.4
                        14.1
                                    12.8
                                                11.3
                                                      10.6
                                                              9.2
                                                                    8.8
                                                                          8.9
                                                                                8.6
## [16393]
             8.3
                   8.0
                         7.6
                               7.4
                                     7.4
                                           7.2
                                                 8.4
                                                      11.0
                                                             12.8
                                                                   13.7
                                                                         14.4
                                                                               15.1
## [16405]
            15.5
                  15.4
                        14.5
                              12.1
                                    10.6
                                          10.1
                                                  9.9
                                                      10.2
                                                             10.5
                                                                   10.1
                                                                          9.7
                                                                                9.4
## [16417]
             9.1
                   8.8
                         8.6
                               8.6
                                     8.2
                                           8.3
                                                  9.8
                                                      12.2
                                                             14.3
                                                                   15.4
                                                                         16.3
                                                                               16.7
## [16429]
            16.8
                  16.4
                        15.7
                              14.0
                                    13.4
                                          12.1
                                                12.3
                                                      12.1
                                                             11.5
                                                                   12.4
                                                                         12.3
                                                                               11.0
                                          10.4
## [16441]
            11.0
                  11.2
                        11.7
                              11.6
                                    11.0
                                                11.5
                                                      13.0
                                                             14.1
                                                                   14.9
                                                                         15.7
                                                                               16.0
## [16453]
            16.0
                  15.9
                        15.5
                              13.5
                                    12.0
                                          10.9
                                                10.4
                                                      11.1 11.2
                                                                   10.8
                                                                         10.4
                                                                               10.4
                                                                               18.5
## [16465]
            10.4
                  10.1
                         9.9
                              10.0
                                    10.7
                                          10.7
                                                11.7
                                                      14.3
                                                             16.3
                                                                   17.6
                                                                         18.3
                                                                         10.2
## [16477]
            18.6
                  18.5
                        17.9
                              16.2
                                    15.4
                                          14.3
                                                13.0 11.8
                                                             11.1
                                                                   10.6
                                                                                9.7
## [16489]
             9.3
                   9.1
                         9.0
                               8.9
                                     9.4
                                           9.4
                                                10.3
                                                      12.5
                                                             14.4
                                                                   16.0
                                                                         17.3
                                                                               18.1
## [16501]
            18.6
                  18.3
                        17.3
                              14.9
                                    13.7
                                          12.4
                                                11.3
                                                      10.9
                                                             10.6 10.1
                                                                          9.9
                                                                               10.0
## [16513]
             9.9
                   9.9
                        10.1
                               9.9
                                     8.9
                                           8.7
                                                10.7
                                                      13.3 15.0 16.1 17.2
                                                                               17.5
## [16525]
            17.6
                  17.1
                        16.2
                              13.6
                                    12.5
                                          12.1
                                                11.8
                                                      11.9
                                                             12.3
                                                                   12.1 11.8
                                                                               11.6
## [16537]
            11.4
                  11.5
                        11.4
                              11.5
                                    10.6
                                          10.3
                                                11.5
                                                      14.3
                                                             16.7
                                                                   18.1
                                                                         19.2
                                                                               19.9
                                          14.9 14.6 14.2 13.7
## [16549]
            20.1
                  19.8
                       19.0
                              17.1
                                    15.8
                                                                   13.3 12.8
                                                                               12.4
## [16561]
                  12.0
                        11.5
                              11.2
                                    11.7
                                          11.1
                                                11.8 14.2 16.6
                                                                   18.1
                                                                        19.1
            12.1
## [16573]
            19.3
                  18.7
                        17.2
                              13.6
                                    12.6
                                          11.9
                                                11.4 11.1 10.8 10.3
                                                                          9.7
                                                                                9.5
## [16585]
             9.3
                         9.0
                               8.8
                                     8.4
                                           8.5
                                                 9.9
                                                      12.7
                                                                   16.9 18.4
                   9.1
                                                             15.2
                                                                               19.3
## [16597]
            19.6
                  19.4
                              16.1
                                    14.9
                                          14.2 13.8
                                                                   11.9
                                                                         11.9
                        18.0
                                                      13.1 12.4
                                                                               11.4
## [16609]
                  10.6
                        10.3
                              10.3
                                          11.2
                                                11.9
                                                      14.2 16.8
                                                                   18.5
            11.0
                                    11.1
                                                                         19.5
                        17.3
                                    12.9
                                                12.7
                                                      12.6
                                                             12.2
## [16621]
            19.8
                  18.9
                              14.0
                                          12.6
                                                                   12.2
                                                                         12.0
                                                                               12.5
## [16633]
            12.6
                  12.3
                        11.9
                              11.4
                                    10.1
                                           9.8
                                                10.8
                                                      13.6
                                                             16.2
                                                                   17.7
                                                                         18.8
                                                                               19.3
## [16645]
                  18.6
                        17.6
                              15.6
                                    13.9
                                                12.3
                                                      11.3
                                                             10.5
                                                                   10.3
                                                                          9.9
                                                                                9.6
            19.1
                                          13.2
## [16657]
             9.5
                   9.2
                         9.1
                               9.0
                                     8.0
                                           7.9
                                                 9.6
                                                      12.5
                                                             14.3
                                                                   15.7 16.8 17.1
## [16669]
            16.8
                  16.8
                        16.1
                              14.2
                                    13.5
                                          12.8
                                                12.4
                                                      11.9
                                                             11.6
                                                                   11.4
                                                                         11.2
                                                                               11.1
## [16681]
            11.1
                  10.7
                        10.6
                              10.6
                                     9.1
                                           8.8
                                                 9.7
                                                      12.1
                                                            15.0
                                                                   16.8 18.1
                                                                               18.9
## [16693]
            19.1
                  18.8
                       17.6
                              15.6
                                    14.4
                                          13.5
                                               12.8 12.0 11.6 11.5 11.3 11.2
## [16705]
            10.9
                  10.6 10.5
                              10.5
                                    10.2
                                          10.0
                                                10.5 12.7 15.4 17.2 18.4
                                                                              18.9
## [16717]
            18.8 18.2 17.0 14.7 13.6 13.0 12.5 12.1 11.6 11.5 10.6 10.3
```

```
## [16729]
            10.2 10.3 10.6 11.0 11.6 11.4 12.6 14.7 16.3 17.6 18.5
            18.3
                   17.7
                         16.7
                                14.8
                                      14.0
                                             13.5
                                                   13.2 13.0
                                                                12.7
                                                                      12.7
                                                                             13.1
## [16741]
                                                                                   13.4
## [16753]
            14.2
                   14.6
                         14.8
                                15.0
                                      15.2
                                             14.7
                                                   15.3
                                                         17.1
                                                                17.5
                                                                      18.4
                                                                             18.1
                                             14.3
                                                   13.7
                                                                13.8
                                                                      14.0
## [16765]
            18.5
                   18.8
                         18.2
                                16.1
                                      15.0
                                                         13.7
                                                                             13.7
                                                                                   13.4
## [16777]
            13.3
                   13.1
                         12.9
                                12.7
                                       9.8
                                              9.6
                                                   10.4
                                                         13.0
                                                                15.8
                                                                      17.8
                                                                             19.4
                                                                                   20.0
## [16789]
            20.1
                   19.8
                         19.1
                                16.7
                                      15.4
                                            14.7
                                                   14.8 14.9
                                                                14.6
                                                                      13.9
                                                                             13.6
                                                                                   13.3
                         12.5
                                11.9
                                      13.6
                                             13.3
                                                   14.6
                                                         16.6
                                                                18.2
                                                                      19.3
                                                                             20.1
## [16801]
            13.0
                   12.7
            20.4
                   19.9
                         19.0
                                      16.3
                                                   14.5
                                                         14.1
                                                                13.8
                                                                      13.6
## [16813]
                                17.3
                                            15.3
                                                                            13.6
                                                                                   13.5
                                             11.4
## [16825]
            13.6
                   13.3
                         12.9
                                12.7
                                      11.7
                                                   12.6
                                                         15.1
                                                                17.3
                                                                      18.4
                                                                             19.3
                                                                                   19.9
            20.2
                                             14.9
                                                   14.9
                                                                                   13.3
## [16837]
                   20.2
                         19.6
                                17.1
                                      15.3
                                                         15.1
                                                                14.3
                                                                      13.2
                                                                             13.0
## [16849]
            13.2
                   13.0
                         12.2
                                11.7
                                      11.7
                                             10.0
                                                   11.1
                                                         13.5
                                                                14.9
                                                                       15.0
                                                                             15.3
## [16861]
            15.4
                   15.7
                         16.0
                                14.3
                                      13.2
                                             13.0
                                                   13.1
                                                         13.1
                                                                13.0
                                                                      12.6
                                                                             12.3
                                                                                   11.8
## [16873]
            11.4
                   11.0
                         10.6
                                10.3
                                       8.2
                                              8.1
                                                    8.6
                                                         11.0
                                                                13.0
                                                                      14.7
                                                                             16.0
                                                                                   16.7
                                             13.5
                                                   13.5
## [16885]
            16.4
                   15.8
                         15.2
                                13.5
                                      13.9
                                                         13.0
                                                                      11.9
                                                                12.9
                                                                             10.8
                                                                                   10.4
## [16897]
            11.2
                   11.2
                         10.5
                                10.6
                                      11.2
                                             11.0
                                                   12.1
                                                         13.7
                                                                15.0
                                                                      15.8
                                                                             15.9
                                                                                   16.7
## [16909]
            16.6
                   16.0
                         15.7
                                14.0
                                      14.0
                                             13.6
                                                   13.4
                                                         13.3
                                                                13.1
                                                                       12.0
                                                                             11.6
                                                                                   11.4
  [16921]
            11.8
                                11.7
                                      10.3
                                             10.3
                                                   10.5
                                                         11.0
                                                                11.7
                                                                      12.6
                                                                             13.4
                                                                                   13.6
##
                   11.7
                         11.7
## [16933]
            13.5
                   13.3
                         12.9
                                12.1
                                      11.6
                                             10.3
                                                   10.0
                                                           9.6
                                                                10.1
                                                                        9.9
                                                                              8.8
                                                                                     8.8
                                                                             12.6
## [16945]
                    8.4
                          7.9
                                 7.6
                                       7.8
                                              7.4
                                                    9.2
                                                         11.2
                                                                11.9
                                                                       12.6
                                                                                   12.6
             9.1
                                                           7.2
## [16957]
            12.3
                   11.9
                         11.2
                                 9.6
                                       8.9
                                              8.3
                                                    7.8
                                                                 6.9
                                                                        8.2
                                                                              6.5
                                                                                     6.2
                                       4.8
                                                                                    12.1
## [16969]
             6.1
                    5.7
                          5.7
                                 5.4
                                              4.9
                                                    5.8
                                                           8.5
                                                                 9.9
                                                                       11.0
                                                                             11.7
## [16981]
            12.1
                   11.7
                         10.7
                                 9.1
                                       9.2
                                              8.8
                                                    8.5
                                                           7.9
                                                                 7.6
                                                                        7.5
                                                                              7.2
                                                                                     6.8
                                                                10.4
## [16993]
             6.6
                    6.3
                          6.3
                                 6.6
                                       6.1
                                              6.3
                                                    7.1
                                                           9.0
                                                                      11.2
                                                                             11.6
                                                                                   11.8
## [17005]
            11.9
                   11.6
                         11.2
                                10.4
                                      10.4
                                             10.3
                                                   10.1
                                                          10.1
                                                                10.3
                                                                       10.3
                                                                             10.4
                                                                                   10.3
                                              9.7
                                10.0
                                                    9.9
                                                           9.7
                                                                 9.8
                                                                        9.8
                                                                              9.8
                                                                                   10.0
## [17017]
            10.3
                   10.2
                         10.1
                                       9.6
                                                          10.0
## [17029]
            10.2
                   10.5
                         10.2
                                10.0
                                      10.1
                                              9.9
                                                    9.9
                                                                 9.8
                                                                        9.4
                                                                              8.7
                                                                                     8.0
## [17041]
             6.7
                    6.0
                          5.5
                                 5.1
                                       6.0
                                              5.0
                                                    4.4
                                                           4.2
                                                                 4.5
                                                                        4.9
                                                                              5.4
                                                                                     5.7
## [17053]
                                                                 3.3
             6.1
                    6.2
                          5.8
                                 5.3
                                       5.0
                                              4.5
                                                    4.1
                                                           3.7
                                                                        3.0
                                                                              2.8
                                                                                     2.7
## [17065]
             2.5
                    2.4
                          2.2
                                 2.2
                                       1.0
                                              0.8
                                                           1.5
                                                                 1.8
                                                                        2.5
                                                                              3.5
                                                                                     3.5
                                                    1.1
## [17077]
             3.4
                    3.0
                          2.4
                                 2.1
                                       2.3
                                              2.4
                                                    2.4
                                                           2.1
                                                                 1.9
                                                                        1.7
                                                                              1.3
                                                                                     1.1
## [17089]
             0.9
                    0.6
                          0.5
                                 0.1
                                       0.3
                                              0.3
                                                    0.3
                                                           0.6
                                                                 1.0
                                                                        1.9
                                                                              3.0
                                                                                     3.7
## [17101]
             3.9
                    4.0
                          3.4
                                 1.5
                                       1.1
                                              0.6
                                                    0.1
                                                          -0.2
                                                                 0.2
                                                                        0.7
                                                                              0.3
                                                                                     0.3
                                                                                     7.8
## [17113]
             0.4
                    0.3
                          0.2
                                 0.1
                                       1.9
                                              0.9
                                                    1.7
                                                           3.3
                                                                 5.0
                                                                        6.4
                                                                              7.4
## [17125]
             8.2
                    8.1
                          7.1
                                 5.7
                                       5.3
                                              5.2
                                                    5.1
                                                           4.8
                                                                 4.4
                                                                        4.3
                                                                              4.3
                                                                                     4.8
## [17137]
             4.3
                    5.0
                          5.4
                                 6.1
                                       6.1
                                              6.7
                                                    6.8
                                                           7.4
                                                                 8.0
                                                                       10.2
                                                                             11.7
                                                                                    13.3
## [17149]
            13.4
                   13.4
                         13.7
                                13.0
                                      13.4
                                             13.2
                                                   13.0
                                                          12.6
                                                                12.8
                                                                       12.7
                                                                             12.4
                                                                                   12.9
## [17161]
            12.9
                   13.1
                         13.2
                                13.4
                                      10.2
                                             10.0
                                                   10.4
                                                          11.3
                                                                12.3
                                                                       13.2
                                                                             13.3
                                                                                    13.0
## [17173]
            12.4
                   12.6
                         12.3
                                10.6
                                       9.2
                                              9.0
                                                    9.2
                                                           9.4
                                                                 8.7
                                                                        8.8
                                                                              8.4
                                                                                     7.8
## [17185]
             7.3
                    6.9
                          6.8
                                 6.7
                                       5.1
                                              5.3
                                                    5.6
                                                           6.8
                                                                 8.0
                                                                        8.9
                                                                              9.1
                                                                                     9.0
## [17197]
             8.7
                    8.8
                          8.3
                                 7.7
                                       7.4
                                              7.4
                                                    7.5
                                                           7.8
                                                                 6.5
                                                                        6.4
                                                                              6.9
                                                                                     7.0
## [17209]
             8.2
                   10.3
                                      12.3
                                             12.7
                                                   13.4
                                                          15.4
                                                                15.8
                                                                       15.8
                                                                             15.2
                                                                                   14.7
                         11.1
                                11.7
## [17221]
            13.6
                   13.6
                         13.3
                                13.8
                                      13.9
                                              4.5
                                                    2.9
                                                           1.3
                                                                 0.0
                                                                       -1.0
                                                                             -0.5
                                                                                   -0.3
## [17233]
            -0.3
                         -1.4
                                       1.2
                                                                              8.4
                   -0.4
                                -1.2
                                              1.1
                                                    1.8
                                                           3.8
                                                                 5.5
                                                                        6.9
                                                                                     9.6
                         10.9
                                 9.3
                                                                             13.0
## [17245]
            10.8
                   11.3
                                       9.6
                                             10.2
                                                   11.6
                                                         12.1
                                                                12.0
                                                                       12.7
                                                                                   13.5
                                      15.6
                                                                       18.3
## [17257]
            14.1
                   14.4
                         14.7
                                15.0
                                             15.3
                                                   15.7
                                                          16.5
                                                                17.4
                                                                             18.6
                                                                                   19.0
                   17.0
                                                                              2.4
## [17269]
            18.1
                         15.8
                                15.5
                                      14.1
                                              6.7
                                                    5.6
                                                           4.1
                                                                 3.5
                                                                        3.0
                                                                                     1.5
## [17281]
             1.7
                    1.0
                          1.3
                                 1.3
                                       0.1
                                             -0.6
                                                   -0.4
                                                           1.2
                                                                 2.8
                                                                        4.2
                                                                              5.3
                                                                                     5.6
## [17293]
             5.4
                                       2.6
                                              2.0
                                                    1.8
                                                           1.3
                                                                        0.9
                                                                              0.2
                                                                                     0.0
                    5.1
                          4.7
                                 3.4
                                                                 1.1
## [17305]
             0.6
                    0.8
                          1.0
                                 1.2
                                       2.4
                                              3.1
                                                    3.6
                                                           5.8
                                                                 7.9
                                                                        9.3
                                                                             10.4
                                                                                   11.2
                                              7.7
                                                                        7.4
                                                                              7.9
## [17317]
            11.6
                   11.4
                         10.7
                                 8.5
                                       8.0
                                                    6.9
                                                           6.8
                                                                 6.7
                                                                                    8.7
## [17329]
             9.0
                          9.4
                                 9.2
                                       9.4
                                              9.6
                                                   10.2
                                                          11.5
                                                                12.9
                                                                       14.4
                                                                             15.3
                    9.1
                                                                                   16.1
## [17341]
            16.0
                   16.3
                         15.9
                                15.0
                                      14.1
                                             14.3
                                                   14.4
                                                         14.3
                                                                14.1
                                                                       13.8
                                                                             13.7
                                                                                   12.9
## [17353]
            12.7
                   12.5
                         12.5
                                12.4
                                      13.4
                                             13.2
                                                  13.0
                                                         14.2
                                                                15.3
                                                                      16.0 17.0
                                                                                   17.6
## [17365]
            17.7 17.4 16.6 15.3
                                     14.7
                                            14.3 14.2 14.1 14.3 14.2 14.0
                                                                                   14.2
```

```
## [17377]
             14.1
                   14.3 14.3 14.3 14.9
                                            14.6 14.5 15.6 16.4 16.8 18.1
## [17389]
             18.5
                   18.3
                         17.5
                                16.5
                                       16.1
                                             15.9
                                                    16.0
                                                          15.9
                                                                 15.8
                                                                       15.8
                                                                              15.8
                                                                                    15.7
                                                    15.8
## [17401]
             15.4
                   15.3
                          15.1
                                15.6
                                       16.0
                                             15.7
                                                          16.8
                                                                 17.5
                                                                       18.6
                                                                              19.1
                                                    14.6
                                                                 13.7
## [17413]
             19.3
                   19.2
                          18.7
                                17.3
                                       16.6
                                             15.2
                                                          14.2
                                                                       13.3
                                                                              13.2
                                                                                    12.2
## [17425]
             12.9
                   12.3
                          11.8
                                11.9
                                       12.2
                                             11.5
                                                    11.5
                                                          15.6
                                                                 17.3
                                                                       18.3
                                                                              18.8
                                                                                    19.5
## [17437]
            20.0
                   19.7
                          18.9
                                17.4
                                       16.9
                                             16.5
                                                    16.2
                                                          15.9
                                                                 15.7
                                                                       15.7
                                                                              15.8
                                                                                    16.2
                                14.7
                                       15.6
                                                                 17.2
                                                                       16.9
## [17449]
             15.2
                   15.1
                          15.1
                                             16.0
                                                    15.3
                                                          15.4
                                                                              15.5
                                              7.6
## [17461]
              8.7
                    9.4
                           9.3
                                 8.8
                                        8.6
                                                     8.0
                                                           6.5
                                                                  5.6
                                                                         5.1
                                                                               5.0
                                                                                      4.9
## [17473]
              4.6
                    4.7
                           4.8
                                 4.2
                                        5.3
                                              5.3
                                                     5.9
                                                            8.3
                                                                  9.9
                                                                       11.1
                                                                              12.2
                                                                                    13.0
             13.5
                                                                               7.9
                                                                                      8.0
## [17485]
                   13.5
                          12.8
                                11.3
                                        9.9
                                              9.1
                                                     9.1
                                                            8.9
                                                                  8.4
                                                                         8.1
## [17497]
             7.9
                    7.6
                           7.6
                                 7.3
                                        6.2
                                              6.4
                                                     6.9
                                                            8.8
                                                                 11.3
                                                                       13.4
                                                                              14.7
                                                                                    15.4
                                                                                    10.9
## [17509]
             15.6
                   15.2
                          14.5
                                12.1
                                       11.3
                                             10.4
                                                    10.1
                                                           9.9
                                                                  9.8
                                                                       10.0
                                                                              10.6
## [17521]
             11.2
                   12.0
                          12.2
                                12.3
                                       13.1
                                             13.1
                                                    12.9
                                                          13.8
                                                                 15.5
                                                                       16.4
                                                                              17.2
                                                                                    17.4
                   17.5
                          16.9
                                15.5
                                       15.0
                                             15.0
                                                          14.8
                                                                       14.9
## [17533]
             17.6
                                                    14.8
                                                                 14.8
                                                                              14.7
                                                                                    14.7
## [17545]
             14.7
                   14.5
                          14.2
                                14.1
                                       15.1
                                             15.0
                                                    15.3
                                                          16.3
                                                                 17.5
                                                                       18.7
                                                                              19.4
                                                                                    19.3
## [17557]
             18.9
                   18.3
                          17.5
                                16.4
                                       15.9
                                             15.6
                                                    15.5
                                                          15.9
                                                                 15.0
                                                                       15.1
                                                                              14.9
                                                                                    14.2
                   13.6
                         13.6
                                13.3
                                       15.1
                                             14.0
                                                   14.2
                                                          14.2
                                                                 14.6
                                                                       15.1
                                                                              15.3
                                                                                    15.6
##
  [17569]
             13.8
## [17581]
             15.5
                   15.1
                          14.5
                                13.7
                                       13.5
                                             14.0
                                                    14.3
                                                          14.1
                                                                 12.5
                                                                       12.0
                                                                              11.9
                                                                                     12.3
                         11.6
## [17593]
                   12.2
                                11.2
                                       11.4
                                             12.1
                                                    11.3
                                                          12.4
                                                                 13.2
                                                                       12.8
                                                                              13.0
                                                                                    10.7
             12.0
## [17605]
              9.0
                    8.5
                           7.8
                                 6.8
                                        6.4
                                              6.1
                                                     5.0
                                                           3.6
                                                                  1.5
                                                                         1.4
                                                                               1.8
                                                                                      0.7
## [17617]
              1.6
                    1.6
                           1.4
                                 1.0
                                       -0.2
                                              0.0
                                                     2.3
                                                            3.7
                                                                  4.7
                                                                         5.4
                                                                               5.7
                                                                                      6.0
## [17629]
              6.1
                    5.7
                           5.0
                                 2.8
                                        1.8
                                              1.2
                                                     0.9
                                                            0.9
                                                                  0.9
                                                                         0.8
                                                                               1.0
                                                                                      0.6
                                                                         7.4
## [17641]
              0.7
                    0.5
                           0.2
                                 0.3
                                       -0.5
                                             -0.3
                                                     0.5
                                                            3.1
                                                                  5.6
                                                                               7.6
                                                                                      8.3
## [17653]
              8.4
                    8.7
                           9.2
                                 8.4
                                        8.5
                                              8.2
                                                     7.8
                                                           7.7
                                                                  7.9
                                                                         8.7
                                                                               8.3
                                                                                      9.2
              9.8
                   10.1
                                10.3
                                                    11.5
                                                                       15.2
                                                                              16.2
## [17665]
                          10.2
                                       10.6
                                             11.1
                                                          12.9
                                                                 14.3
                                                                                    17.3
  Γ17677]
             17.5
                   17.2
                          16.5
                                15.4
                                       15.1
                                             15.0
                                                    14.8
                                                          14.7
                                                                 14.6
                                                                       14.6
                                                                              14.7
                                                                                    14.6
## [17689]
             14.4
                   14.2
                         14.2
                                14.2
                                       14.8
                                             14.8
                                                   15.1
                                                          16.4
                                                                 17.4
                                                                       17.7
                                                                              18.2
                                                                                    18.5
## [17701]
                                16.0
                                       15.8
                                                    14.6
                                                          14.2
             18.5
                   18.1
                         17.4
                                             14.9
                                                                 13.9
                                                                       13.8
                                                                              13.6
                                                                                    13.4
## [17713]
             13.2
                   13.0
                         12.7
                                12.1
                                       12.6
                                             12.4
                                                   12.7
                                                          14.3
                                                                 16.1
                                                                       17.8
                                                                              19.3
                                                                                    19.9
## [17725]
             19.6
                   17.6
                          16.9
                                14.4
                                       13.2
                                             12.9
                                                    12.8
                                                          13.5
                                                                 13.8
                                                                       13.8
                                                                              13.6
                                                                                    13.3
## [17737]
             13.8
                   13.2
                          12.8
                                12.8
                                       11.1
                                             11.1
                                                    11.4
                                                          13.5
                                                                 16.7
                                                                       18.1
                                                                              19.2
                                                                                    19.9
##
  [17749]
             19.7
                   19.5
                          18.7
                                17.3
                                       16.6
                                             16.3
                                                    16.0
                                                          15.8
                                                                 15.6
                                                                       15.5
                                                                              15.4
                                                                                    15.5
  [17761]
             15.6
                   15.7
                          15.7
                                15.8
                                       15.7
                                             15.6
                                                    15.4
                                                          16.5
                                                                 16.5
                                                                       16.3
                                                                              15.7
                                                                                     15.6
                                                    12.5
## [17773]
                   15.5
                          14.4
                                13.7
                                       13.7
                                             13.1
                                                          12.2
                                                                 12.2
             16.1
                                                                       11.6
                                                                              11.1
                                                                                    11.1
## [17785]
             10.2
                    9.4
                           9.0
                                 9.1
                                       11.3
                                              9.8
                                                     9.7
                                                          11.2
                                                                 12.1
                                                                       12.8
                                                                              13.3
                                                                                     13.5
## [17797]
             13.6
                   13.4
                          12.9
                                11.9
                                       11.2
                                             11.1
                                                     9.5
                                                           9.3
                                                                  8.5
                                                                         8.7
                                                                               8.4
                                                                                      8.8
## [17809]
              9.5
                    9.8
                           9.8
                                 9.9
                                        8.0
                                              8.4
                                                     7.9
                                                          10.8
                                                                 12.7
                                                                        13.9
                                                                              14.4
                                                                                     13.5
## [17821]
             13.4
                   13.4
                          13.1
                                11.9
                                       10.8
                                             10.7
                                                    10.4
                                                          10.1
                                                                  9.4
                                                                         9.0
                                                                               9.0
                                                                                      9.0
## [17833]
              8.8
                    8.1
                           7.4
                                 6.8
                                        7.0
                                              6.9
                                                     6.9
                                                           6.8
                                                                  7.0
                                                                         7.2
                                                                               7.3
                                                                                      7.3
## [17845]
                    6.9
                           6.8
                                 6.6
                                        6.6
                                              6.6
                                                     6.5
                                                            6.3
                                                                  6.1
                                                                         6.0
                                                                               5.9
                                                                                      5.9
              7.1
## [17857]
              5.8
                    5.7
                                                                  6.6
                                                                         7.1
                                                                               7.6
                                                                                      7.6
                           5.6
                                 5.7
                                        5.8
                                              5.9
                                                     6.0
                                                            6.4
## [17869]
              7.7
                    7.5
                           7.0
                                 6.5
                                        5.8
                                              5.6
                                                     5.6
                                                            5.4
                                                                  5.3
                                                                         5.2
                                                                               5.1
                                                                                      4.9
## [17881]
              4.7
                    4.5
                           4.2
                                 3.9
                                        5.4
                                              5.4
                                                     5.4
                                                            5.8
                                                                  6.4
                                                                         6.8
                                                                               7.2
                                                                                      7.5
              7.3
                    7.1
                                 6.5
                                              6.0
## [17893]
                           7.0
                                        6.1
                                                     5.6
                                                            5.3
                                                                  5.0
                                                                         4.7
                                                                               4.5
                                                                                      4.3
## [17905]
              3.9
                    3.4
                           3.0
                                 2.6
                                        3.5
                                              4.0
                                                     4.2
                                                            4.7
                                                                  5.8
                                                                         6.5
                                                                               6.6
                                                                                      6.3
                                              4.2
## [17917]
              5.7
                    5.3
                           5.1
                                 4.6
                                        4.2
                                                     4.4
                                                            4.4
                                                                  4.5
                                                                         4.7
                                                                               4.9
                                                                                      4.9
## [17929]
              4.8
                    4.8
                           4.8
                                 4.5
                                        3.4
                                              3.5
                                                     4.1
                                                            5.4
                                                                  6.4
                                                                         7.3
                                                                               8.0
                                                                                      8.1
## [17941]
              8.4
                    8.4
                           8.3
                                 7.9
                                        7.7
                                                     7.5
                                                            7.6
                                                                  7.6
                                                                               7.5
                                                                                      7.5
                                              7.6
                                                                         7.6
## [17953]
              7.5
                    7.4
                           7.3
                                 7.2
                                        5.8
                                              5.3
                                                     5.1
                                                            5.5
                                                                  6.1
                                                                         6.6
                                                                               6.8
                                                                                      7.0
                                                                         2.8
## [17965]
              7.1
                    6.6
                           5.9
                                 5.1
                                        4.5
                                              4.2
                                                     4.0
                                                           3.8
                                                                  3.3
                                                                               2.3
                                                                                      2.1
## [17977]
              1.9
                    1.7
                           1.7
                                 1.6
                                       -2.0
                                             -2.2
                                                    -1.8
                                                          -1.8
                                                                              -0.9
                                                                 -1.4
                                                                       -1.1
                                                                                     -0.7
                                                                 -2.2
## [17989]
             -0.7
                   -0.8
                          -1.1
                                -1.8
                                       -2.1
                                             -2.4
                                                    -2.4
                                                          -2.4
                                                                       -2.1
                                                                              -2.0
                                                                                    -2.2
                                                                  0.6
## [18001]
             -2.5
                   -3.1
                          -4.1
                                -4.3
                                       -2.1
                                             -2.2
                                                   -1.5
                                                          -0.3
                                                                         1.3
                                                                               1.8
                                                                                      2.2
                                      -1.5
                                             -1.7
                                                    -1.6 -1.6 -0.8 -0.5
## [18013]
              2.3
                    2.0
                           1.5
                                 0.2
                                                                              -0.6
                                                                                    -0.2
```

```
## [18025]
              0.4
                    0.7
                           0.6
                                  0.6
                                        0.2
                                               0.4
                                                     0.8
                                                            1.4
                                                                  2.9
                                                                         3.9
                                                                                4.9
                                                                                      4.7
                           4.6
## [18037]
              4.9
                    4.9
                                        3.5
                                                            2.9
                                                                                      2.4
                                 4.0
                                               3.3
                                                     3.0
                                                                  3.0
                                                                         2.8
                                                                                2.4
## [18049]
              2.7
                    2.8
                           2.5
                                 2.4
                                        3.5
                                               3.3
                                                     3.3
                                                            3.4
                                                                  3.7
                                                                         3.9
                                                                                3.4
                                                                                      2.5
## [18061]
                                                           -3.6
              1.4
                    2.4
                           2.1
                                        0.4
                                             -1.7
                                                    -3.0
                                                                 -4.0
                                                                        -4.3
                                                                              -4.3
                                                                                     -4.4
                                 1.6
                                -5.2
## [18073]
             -4.5
                   -4.8
                          -5.0
                                       -6.1
                                             -5.9
                                                    -6.7
                                                           -6.9
                                                                 -6.7
                                                                        -6.7
                                                                               -6.3
                                                                                     -6.1
## [18085]
             -6.1
                   -6.1
                          -6.1
                                -6.7
                                       -7.3
                                             -7.8
                                                    -8.0
                                                          -8.3
                                                                 -8.5
                                                                        -8.9
                                                                              -9.1
                                                                                     -8.8
                   -9.3
                          -9.9 - 10.3
                                       -9.8
                                             -9.7
                                                    -9.5
                                                          -8.7
                                                                 -7.8
                                                                       -6.8
## [18097]
             -8.9
                                                                              -6.2
                               -6.3 -7.6
                                             -8.5
                                                   -9.0
                                                          -9.6 -10.5 -11.2 -11.8 -12.3
## [18109]
             -5.3
                   -5.1
                          -5.4
   [18121] -12.6 -13.0 -13.1 -13.3 -13.4 -13.7 -13.8 -12.6 -11.5 -10.4
                                                                              -9.4
             -7.7
                   -7.6
                         -7.7
                                -8.8 -10.2 -10.3 -10.4 -10.9 -11.0 -10.7 -10.1
##
  [18133]
                                                                                    -9.6
                                                   -8.7
                                                          -7.0
## [18145]
             -9.5
                   -9.4
                          -8.9
                                -8.5 -10.4
                                             -9.5
                                                                 -4.9
                                                                        -2.8
                                                                              -1.4
                                                                                     -1.2
                                                                              -2.7
## [18157]
             -0.8
                   -0.6
                          -0.6
                                -1.1
                                       -1.9
                                             -1.9
                                                    -1.7
                                                          -0.8
                                                                 -1.4
                                                                        -3.2
                                                                                     -3.0
                                                    -1.2
## [18169]
             -3.7
                   -4.1
                          -4.3
                                -3.5
                                       -1.0
                                             -1.1
                                                          -0.1
                                                                  0.5
                                                                         0.6
                                                                                0.6
                                                                                      0.7
                                 0.9
                                                    -0.1
                                                                  0.0
## [18181]
              0.8
                    0.9
                           1.0
                                        0.8
                                               0.7
                                                            0.1
                                                                         0.0
                                                                                0.1
                                                                                      0.2
## [18193]
              0.2
                          -0.1
                                -0.1
                                       -1.5
                                             -1.5
                                                    -1.8
                                                           -1.1
                                                                 -0.5
                                                                         0.3
                                                                                0.8
                                                                                      1.3
                    0.1
## [18205]
              1.7
                    2.1
                           2.3
                                 2.2
                                        2.7
                                               3.1
                                                     3.4
                                                            3.6
                                                                  4.2
                                                                         4.9
                                                                                5.7
                                                                                      7.3
  [18217]
              7.6
                    8.0
                                        9.8
                                               9.7
                                                     9.4
                                                            8.4
                                                                  8.7
                                                                         8.8
                                                                                7.3
                                                                                      8.1
##
                           8.1
                                 8.0
## [18229]
              5.7
                    5.1
                           4.9
                                 4.4
                                        4.5
                                               4.6
                                                     4.5
                                                            4.5
                                                                  4.4
                                                                         4.4
                                                                                4.6
                                                                                      4.9
## [18241]
                    6.3
                           8.1
                                               7.6
                                                     9.0
                                                           12.2
                                                                 12.7
                                                                        12.8
                                                                                     13.0
              5.6
                                 9.8
                                        6.8
                                                                              13.1
## [18253]
             12.9
                   12.8
                          12.6
                                12.4
                                       12.0
                                              10.7
                                                     9.9
                                                            9.5
                                                                  9.6
                                                                         9.5
                                                                                9.3
                                                                                      9.3
## [18265]
             9.3
                    9.6
                          10.0
                                10.8
                                       11.8
                                             12.8
                                                    12.2
                                                          12.5
                                                                 12.5
                                                                        13.0
                                                                              12.8
                                                                                     12.8
## [18277]
             12.7
                   12.4
                          12.2
                                12.5
                                       11.1
                                             10.7
                                                    10.6
                                                          10.4
                                                                 10.2
                                                                         9.9
                                                                                9.8
                                                                                      9.6
## [18289]
              9.7
                    9.9
                           9.4
                                 9.4
                                        8.3
                                               8.6
                                                     9.5
                                                          11.6
                                                                 13.5
                                                                        14.4
                                                                              14.1
                                                                                     13.5
## [18301]
             13.0
                   12.8
                         13.0
                                12.7
                                       12.6
                                             12.7
                                                    12.8
                                                          12.5
                                                                 11.3
                                                                         4.4
                                                                                3.8
                                                                                      3.2
                                                                        -0.2
                                                                              -0.4
## [18313]
             2.6
                    2.1
                           1.8
                                 1.7
                                        3.1
                                               3.0
                                                     2.1
                                                            1.0
                                                                  0.5
                                                                                     -0.9
  Γ18325]
             -0.5
                   -0.5
                          -0.4
                                -0.4
                                       -0.5
                                             -0.3
                                                    -0.1
                                                            0.1
                                                                  0.3
                                                                        -0.7
                                                                              -1.8
                                                                                     -2.1
## [18337]
             -2.1
                   -2.1
                          -2.3
                                -2.4
                                       -4.7
                                             -4.2
                                                    -3.0
                                                           -0.8
                                                                 -0.1
                                                                         0.2
                                                                               0.7
                                                                                      1.0
                                       -1.5
                                                           -2.1
## [18349]
              1.4
                    1.1
                           0.6
                                -0.6
                                             -1.9
                                                    -2.1
                                                                 -1.3
                                                                         0.8
                                                                              -1.6
                                                                                     -1.6
                                                            2.0
## [18361]
             -1.5
                          -0.5
                                -0.3
                                        1.3
                                               1.4
                                                     1.5
                                                                  1.9
                                                                         2.4
                                                                                3.7
                                                                                      4.1
                   -1.1
## [18373]
              5.0
                    5.4
                           5.2
                                 5.5
                                        5.6
                                               5.5
                                                     4.0
                                                            2.2
                                                                  1.8
                                                                         0.8
                                                                                0.3
                                                                                      0.8
## [18385]
              0.5
                    0.2
                          -1.2
                                -0.9
                                       -1.8
                                             -1.6
                                                    -0.6
                                                            0.9
                                                                  1.6
                                                                         2.1
                                                                                2.5
                                                                                      3.0
##
   [18397]
              3.2
                    3.2
                           2.9
                                 1.5
                                       -0.3
                                             -0.8
                                                    -1.1
                                                           -1.3
                                                                 -1.5
                                                                        -1.7
                                                                              -2.0
                                                                                     -2.0
                                                            2.3
  [18409]
             -2.1
                   -1.2
                          -2.3
                                -2.4
                                       -0.7
                                              -0.6
                                                     0.5
                                                                  4.0
                                                                         5.1
                                                                                5.4
                                                                                      5.3
## [18421]
             5.7
                    5.7
                           5.3
                                 6.0
                                        5.2
                                               4.7
                                                     4.7
                                                            4.7
                                                                  5.3
                                                                         5.8
                                                                                6.8
                                                                                      7.5
## [18433]
             8.0
                    7.5
                           7.5
                                 7.4
                                        7.5
                                               8.2
                                                     8.4
                                                            9.1
                                                                 11.2
                                                                        11.3
                                                                               10.1
                                                                                     10.3
                                 8.8
## [18445]
             10.1
                   10.0
                           9.6
                                               8.0
                                                     7.7
                                                            7.4
                                                                  7.4
                                                                         7.5
                                                                                8.5
                                                                                      8.5
                                        8.1
## [18457]
              8.7
                    9.1
                           8.2
                                 7.7
                                        8.4
                                               8.0
                                                     9.7
                                                           10.5
                                                                 10.7
                                                                        10.4
                                                                                9.7
                                                                                      8.9
## [18469]
              5.7
                    4.0
                           3.2
                                 2.4
                                        1.5
                                               0.8
                                                     0.1
                                                           -0.4
                                                                 -0.3
                                                                        -0.4
                                                                              -0.7
                                                                                     -0.9
## [18481]
             -0.9
                   -1.0
                          -1.0
                                -0.9
                                       -1.0
                                             -0.8
                                                     0.1
                                                            0.0
                                                                  0.9
                                                                         2.1
                                                                                3.3
                                                                                      4.6
## [18493]
              5.4
                    5.8
                           5.5
                                 4.4
                                        2.1
                                               2.2
                                                     2.7
                                                            3.1
                                                                  2.3
                                                                         1.5
                                                                                1.5
                                                                                      1.7
## [18505]
              1.5
                           1.9
                                 2.0
                                        1.3
                                               1.3
                                                     2.8
                                                            4.3
                                                                  6.5
                                                                         7.7
                                                                                8.5
                                                                                      9.3
                    1.6
## [18517]
              9.1
                    8.9
                          10.1
                                10.5
                                       10.6
                                             10.5
                                                    10.3
                                                          10.0
                                                                 10.1
                                                                        10.0
                                                                              11.0
                                                                                     11.7
## [18529]
             12.4
                   12.4
                          12.1
                                12.1
                                       13.8
                                             13.4
                                                    13.5
                                                          14.0
                                                                 14.1
                                                                        13.6
                                                                              14.1
                                                                                     15.1
                   14.0
                                                                 10.9
## [18541]
             14.2
                          13.3
                                12.8
                                       12.4
                                             12.1
                                                    11.1
                                                          10.3
                                                                        11.0 10.9
                                                                                     10.8
                                       11.2
## [18553]
             10.1
                    9.9
                           9.8
                                10.3
                                             10.6
                                                    11.6
                                                          12.8
                                                                 13.0
                                                                        13.1
                                                                              14.2
## [18565]
             14.3
                   14.0
                          14.1
                                13.4
                                       11.8
                                             12.6
                                                    11.6
                                                          11.8
                                                                 13.2
                                                                        13.7
                                                                              13.4
                                                                                     12.9
##
  [18577]
             13.6
                   12.4
                          11.9
                                11.1
                                       12.0
                                             10.3
                                                    10.6
                                                          11.5
                                                                 12.0
                                                                        12.5
                                                                              13.0
                                                                                     13.3
                                             11.2
                                                    10.2
                                                                               7.7
                                                                                      7.3
## [18589]
             13.5
                   13.3
                          12.6
                                11.8
                                       11.3
                                                            9.8
                                                                  9.7
                                                                         8.9
## [18601]
              6.9
                    6.5
                           6.4
                                 6.8
                                        8.0
                                               8.1
                                                     8.6
                                                          10.4
                                                                  9.7
                                                                        10.6
                                                                              12.7
                                                                                     13.5
## [18613]
             13.6
                   12.9
                           9.9
                                 8.7
                                        8.4
                                               8.2
                                                     8.3
                                                            8.6
                                                                  8.7
                                                                         8.8
                                                                               9.0
                                                                                      9.2
## [18625]
              8.9
                    9.0
                           9.3
                                 9.3
                                       14.9
                                              14.7
                                                    14.6
                                                           14.8
                                                                 14.5
                                                                        14.3
                                                                              13.1
                                                                                     12.2
## [18637]
             12.0
                   11.9
                          11.0
                                10.1
                                        8.0
                                               5.6
                                                     5.5
                                                            5.5
                                                                  5.2
                                                                         3.9
                                                                                3.6
                                                                                      3.5
## [18649]
              3.4
                    3.0
                           2.9
                                  2.8
                                        4.5
                                               4.6
                                                     6.5
                                                            8.7
                                                                 10.5
                                                                        12.2
                                                                              13.4
                                                                                     13.9
## [18661]
             14.0
                   13.9 13.1 11.6
                                        9.2
                                               8.4
                                                     8.8
                                                            9.0
                                                                  8.4
                                                                         7.9
                                                                               8.8
                                                                                      9.0
```

```
## [18673]
              8.8
                    8.8
                           8.8
                                  8.9
                                        7.4
                                               6.9
                                                     9.1
                                                           10.9
                                                                   9.7
                                                                          9.1 11.0
             12.6
   T186857
                   15.3
                          15.9
                                15.7
                                       13.8
                                              12.9
                                                    13.2
                                                           13.3
                                                                  14.6
                                                                        14.3
                                                                               14.2
                                                                                      14.0
   [18697]
             13.6
                    13.2
                          13.0
                                 13.1
                                       11.9
                                              11.9
                                                     13.1
                                                           15.3
                                                                  15.6
                                                                         16.8
                                                                               17.5
                                              13.9
                                                     13.5
   [18709]
             17.9
                   18.0
                          17.4
                                 16.1
                                       14.5
                                                           14.1
                                                                  14.3
                                                                         14.3
                                                                               13.3
                                                                                      13.6
  [18721]
             13.6
                   13.4
                          13.1
                                 12.8
                                       11.3
                                              10.9
                                                     12.0
                                                           14.5
                                                                  16.1
                                                                         17.3
                                                                               18.3
                                                                                      18.4
## [18733]
             18.0
                   17.5
                          17.0
                                15.7
                                       13.4
                                              12.6
                                                    12.6
                                                           12.8
                                                                  13.4
                                                                        13.1
                                                                               12.9
                                                                                      12.7
                                 15.9
                                       15.2
                                              14.6
                                                    15.3
                                                           16.7
                                                                  18.1
                                                                         19.0
## [18745]
             13.3
                   13.6
                          15.1
                                                                               19.2
                          20.2
                                              17.0
                                                     16.5
                                                           16.2
                                                                  16.1
                                                                        15.9
## [18757]
             21.1
                   21.2
                                 18.9
                                       17.3
                                                                               14.6
                                                                                      14.5
##
   Γ187691
             14.4
                   14.3
                          14.1
                                 14.0
                                       14.9
                                              14.5
                                                     13.9
                                                           14.6
                                                                  15.1
                                                                         15.2
                                                                               15.1
                                                                                      14.9
                                              12.9
                                                     12.7
                                                           10.9
                                                                                       6.9
##
   [18781]
             14.5
                   14.1
                          13.8
                                 13.4
                                       12.8
                                                                   9.8
                                                                          7.8
                                                                                7.9
   [18793]
              4.9
                     4.1
                           3.4
                                  2.6
                                         4.4
                                               4.0
                                                      6.1
                                                            7.7
                                                                   8.8
                                                                          9.9
                                                                               11.1
                                                                                      12.0
  [18805]
             12.6
                   12.9
                          12.2
                                 10.5
                                         9.1
                                               8.7
                                                      8.8
                                                            9.1
                                                                   9.1
                                                                          9.0
                                                                                8.8
                                                                                       8.3
##
## [18817]
              7.7
                    7.1
                           8.0
                                  7.9
                                         8.1
                                               7.8
                                                      9.1
                                                           12.1
                                                                  12.9
                                                                         13.7
                                                                               14.7
                                                                                      15.5
## [18829]
                   15.9
                          14.9
                                 14.3
                                       13.5
                                                           12.7
                                                                  12.6
                                                                         12.5
                                                                               12.9
             16.3
                                              13.1
                                                     12.9
                                                                                      12.6
## [18841]
             13.0
                   12.9
                          12.9
                                 12.9
                                       12.3
                                              11.7
                                                     13.9
                                                           14.2
                                                                  15.0
                                                                         15.6
                                                                               17.3
                                                                                      17.2
   [18853]
             16.1
                   15.7
                          15.4
                                 14.4
                                       13.2
                                              12.1
                                                     10.8
                                                           10.4
                                                                  10.3
                                                                         10.4
                                                                               10.6
                                                                                      10.9
   [18865]
             10.9
                          11.4
                                 11.3
                                       11.0
                                              11.0
                                                    11.7
                                                           12.4
                                                                  12.8
                                                                         13.2
                                                                               13.4
                                                                                      13.3
##
                   11.3
   [18877]
             13.2
                   12.9
                          12.8
                                 12.5
                                       11.9
                                              11.3
                                                     11.2
                                                           11.0
                                                                  10.2
                                                                          9.8
                                                                                9.7
                                                                                       9.5
  [18889]
                    9.0
                           8.9
                                  8.7
                                        8.3
                                               8.2
                                                      9.2
                                                           10.6
                                                                  11.2
                                                                         11.8
                                                                               11.9
                                                                                      12.9
              9.1
## [18901]
             13.2
                   13.3
                          13.1
                                 12.5
                                       10.2
                                               9.1
                                                      8.5
                                                            9.1
                                                                   9.3
                                                                          9.2
                                                                                9.0
                                                                                       8.5
                                               7.5
                                                                                      11.0
## [18913]
              8.7
                    7.9
                           8.7
                                  7.9
                                         6.8
                                                      8.9
                                                           10.9
                                                                  11.1
                                                                         12.2
                                                                               11.3
## [18925]
             11.0
                   10.8
                          10.9
                                 10.4
                                       10.2
                                               9.7
                                                      9.9
                                                             9.4
                                                                   9.4
                                                                          8.7
                                                                                7.8
                                                                                       7.0
## [18937]
              6.6
                    6.4
                           5.9
                                  5.4
                                         5.3
                                               5.0
                                                      7.1
                                                             8.6
                                                                  10.1
                                                                               12.5
                                                                                      13.3
                                                                         11.4
   Γ18949
             13.6
                   13.3
                          12.5
                                 12.2
                                       10.3
                                               9.4
                                                      9.0
                                                            8.5
                                                                   8.4
                                                                          8.7
                                                                                8.5
##
                                                                                       8.6
  [18961]
              8.3
                                                     10.7
                                                                        15.4
                                                                               16.6
##
                    8.2
                           8.4
                                  8.6
                                         8.9
                                               8.7
                                                           12.6
                                                                  14.3
                                                                                      17.2
   Г189737
             17.2
                   16.9
                          16.5
                                 16.5
                                       14.8
                                              14.0
                                                     13.7
                                                           13.0
                                                                  12.7
                                                                         12.5
                                                                               12.8
                                                                                      12.2
## [18985]
             10.9
                   10.3
                          10.0
                                  9.9
                                         9.6
                                               9.4
                                                     11.4
                                                           14.1
                                                                  15.3
                                                                        16.5
                                                                               16.4
                                                                                      16.8
## [18997]
                   15.9
                                 14.7
                                       13.9
                                                     12.9
                                                           12.1
             16.8
                          15.3
                                              13.1
                                                                  12.4
                                                                         11.6
                                                                               10.5
                                                                                      10.4
## [19009]
              9.7
                    8.7
                           8.6
                                  6.9
                                        7.2
                                               6.9
                                                      9.3
                                                           11.3
                                                                  12.4
                                                                         13.4
                                                                               14.3
                                                                                      14.9
## [19021]
             15.3
                   15.5
                          15.3
                                 13.9
                                       12.3
                                              11.7
                                                     11.1
                                                           10.3
                                                                   9.7
                                                                          9.2
                                                                                9.0
                                                                                       8.9
## [19033]
              8.7
                    8.3
                           8.9
                                  9.2
                                         6.1
                                               6.9
                                                      9.1
                                                           10.7
                                                                  11.0
                                                                         11.2
                                                                               11.9
                                                                                      13.3
##
   [19045]
             15.9
                   16.0
                          15.4
                                 14.9
                                       12.6
                                              12.9
                                                     13.4
                                                           13.6
                                                                  13.6
                                                                         13.9
                                                                               14.2
                                                                                      14.0
  [19057]
             13.8
                   13.5
                          13.3
                                 12.1
                                       10.7
                                              10.6
                                                     10.8
                                                           11.5
                                                                  11.3
                                                                         10.5
                                                                               10.4
                                                                                      10.8
                                                           12.2
## [19069]
                   12.5
                                 13.8
                                       12.8
                                              10.5
                                                     11.4
                                                                  12.4
                                                                         12.2
                                                                               10.8
                                                                                       6.8
             11.4
                          13.5
## [19081]
              6.7
                     6.4
                           6.1
                                  5.7
                                         4.5
                                               4.7
                                                      5.2
                                                             4.9
                                                                   5.3
                                                                          6.1
                                                                                6.3
                                                                                       5.3
## [19093]
              4.3
                    3.5
                           3.2
                                  2.1
                                         2.1
                                               1.6
                                                      0.3
                                                           -0.1
                                                                  -0.3
                                                                         -0.6
                                                                               -0.5
                                                                                      -0.5
## [19105]
             -0.4
                   -1.0
                          -1.4
                                 -0.8
                                         0.4
                                               0.1
                                                      2.6
                                                            3.9
                                                                   5.1
                                                                          5.9
                                                                                6.2
                                                                                       6.3
## [19117]
              6.2
                    7.1
                           7.1
                                  6.4
                                         5.3
                                               4.9
                                                      4.7
                                                             4.3
                                                                   3.8
                                                                          3.7
                                                                                3.5
                                                                                       3.5
## [19129]
              3.4
                     2.8
                           1.9
                                  2.0
                                         3.5
                                               3.5
                                                      3.9
                                                             4.3
                                                                   4.4
                                                                          5.0
                                                                                4.9
                                                                                       5.6
## [19141]
              5.5
                     5.8
                           5.9
                                  5.7
                                         5.5
                                               5.3
                                                      5.5
                                                             5.3
                                                                   5.5
                                                                          5.7
                                                                                5.9
                                                                                       6.0
## [19153]
              6.1
                     6.0
                                                             4.9
                                                                   2.9
                                                                          1.7
                                                                                2.2
                                                                                       2.1
                           5.9
                                  5.2
                                         6.4
                                               6.5
                                                      6.6
## [19165]
              2.0
                     2.0
                           2.2
                                  1.8
                                         1.0
                                               0.9
                                                      1.0
                                                             1.2
                                                                   1.4
                                                                                1.5
                                                                                       1.5
                                                                          1.4
## [19177]
              1.6
                     1.6
                           1.7
                                  1.7
                                         3.2
                                               3.4
                                                      4.2
                                                             5.0
                                                                   5.7
                                                                          6.4
                                                                                7.0
                                                                                       8.0
              8.6
                     8.5
                                  6.9
                                               4.9
                                                      4.9
                                                                                4.2
## [19189]
                           7.7
                                         5.7
                                                             4.7
                                                                   4.4
                                                                          4.3
                                                                                       4.0
## [19201]
              4.0
                     4.2
                                                             8.5
                                                                   8.2
                                                                          9.4
                                                                                9.9
                                                                                      10.6
                           4.6
                                  4.7
                                         5.7
                                               6.2
                                                      7.1
                          12.8
                                 12.2
                                               7.2
                                                      7.5
                                                                   8.1
                                                                          7.9
                                                                                7.7
                                                                                       7.5
## [19213]
             11.1
                    11.8
                                         9.3
                                                             8.0
                                                                  13.2
## [19225]
              7.1
                    7.4
                           8.0
                                  8.7
                                         7.5
                                               8.4
                                                     10.5
                                                           12.8
                                                                         15.1
                                                                               13.9
                                                                                      13.9
## [19237]
                    14.6
                                 13.2
                                        11.8
                                               9.4
                                                      8.5
                                                                          7.8
                                                                                7.5
                                                                                       7.2
             14.7
                          14.1
                                                             8.1
                                                                   7.9
## [19249]
              7.4
                    7.3
                           7.2
                                  7.1
                                         3.8
                                               4.3
                                                      6.7
                                                             9.1
                                                                  10.8
                                                                         11.9
                                                                               12.3
                                                                                      12.5
## [19261]
             12.7
                    12.6
                          12.1
                                 11.3
                                        10.0
                                               8.4
                                                      7.5
                                                             6.7
                                                                   6.4
                                                                          6.7
                                                                                6.8
                                                                                       6.4
## [19273]
                    6.2
                           6.0
                                  5.8
                                        5.6
                                               5.5
                                                             6.2
                                                                   8.9
                                                                         10.4
                                                                               11.1
              6.3
                                                      6.0
                                                                                      11.8
## [19285]
             12.1
                    12.2
                          11.8
                                 10.8
                                         8.7
                                               6.2
                                                      5.7
                                                             5.2
                                                                   4.4
                                                                          3.7
                                                                                3.6
                                                                                       3.6
## [19297]
              3.3
                     2.7
                           2.5
                                  2.4
                                         1.6
                                               2.4
                                                      5.4
                                                             7.4
                                                                   8.6
                                                                          9.7
                                                                               10.8
                                                                                      11.4
## [19309]
             11.1
                   10.7 10.4
                                  9.7
                                         8.3
                                               6.4
                                                      5.9
                                                             7.4
                                                                   7.8
                                                                          7.7
                                                                                6.1
                                                                                       5.2
```

```
## [19321]
             4.0
                    2.6
                           1.9
                                 1.7
                                        1.4
                                              2.1
                                                    5.5
                                                           7.3
                                                                  8.2
                                                                        9.0 10.0
                                                                                   10.7
                         11.0
## [19333]
                                10.4
                                        8.3
                                                     6.0
                                                           5.5
                                                                  4.9
                                                                        4.6
                                                                              4.6
                                                                                     4.3
            11.1
                   11.1
                                              6.6
                                                                                    11.5
## [19345]
             4.1
                    3.8
                           4.0
                                 4.1
                                        5.2
                                              5.9
                                                    9.1
                                                          11.0
                                                                  8.1
                                                                        9.0
                                                                             10.2
## [19357]
                                                                  3.5
                                                                               2.3
             11.1
                   10.5
                         10.3
                                 8.6
                                        6.1
                                              4.7
                                                     4.3
                                                           4.1
                                                                        2.8
                                                                                     1.6
## [19369]
             0.9
                    0.4
                           0.4
                                 1.0
                                       -0.2
                                              1.2
                                                    4.0
                                                           6.0
                                                                  7.6
                                                                        9.1
                                                                             10.2
                                                                                    11.1
## [19381]
             11.5
                   11.3
                         10.6
                                 9.7
                                        8.2
                                              6.7
                                                     6.1
                                                           6.2
                                                                        5.5
                                                                               5.2
                                                                                     5.7
                                                                  6.1
                                        3.1
                                              4.3
                                                          10.1
                                                                 11.5
                                                                       12.6
                                                                             13.6
## [19393]
             5.9
                    5.8
                           5.9
                                 5.5
                                                    7.7
                                                                                    14.0
                   14.1
                                              7.3
                                                    7.0
## [19405]
             14.2
                         13.7
                                12.7
                                      10.5
                                                           6.3
                                                                 5.5
                                                                        5.3
                                                                               5.1
                                                                                     4.6
## [19417]
             4.3
                    4.2
                           4.1
                                 4.1
                                        3.4
                                              4.9
                                                    8.4
                                                          10.8
                                                                12.8
                                                                       14.7
                                                                             16.0
                                                                                    16.7
                   16.4
                                             10.8
                                                    9.8
                                                                              7.6
                                                                                     7.5
## [19429]
             16.7
                         15.9
                                14.9
                                      13.0
                                                           8.7
                                                                 8.0
                                                                        7.7
## [19441]
             7.3
                    7.2
                           7.0
                                 6.8
                                       7.1
                                              8.1
                                                   11.7
                                                          14.3
                                                                16.0
                                                                       17.3
                                                                             17.8
                                                                                    17.9
## [19453]
             17.6
                   17.4
                          16.8
                                15.8
                                      14.0
                                             11.4
                                                   10.7
                                                           9.7
                                                                 9.2
                                                                        9.0
                                                                              8.4
                                                                                     8.1
## [19465]
             7.9
                    7.6
                          7.5
                                 7.4
                                       8.6
                                             10.2
                                                   13.0
                                                          15.6
                                                                17.3
                                                                       18.4
                                                                             18.6
                                                                                    18.8
## [19477]
             19.0
                   18.6
                         17.6
                                16.5
                                      14.7
                                             12.1
                                                                       11.6
                                                                             11.5
                                                   11.6
                                                          11.9
                                                                11.8
                                                                                    11.5
## [19489]
             11.3
                   10.9
                         10.9
                                11.3
                                      10.3
                                             11.8
                                                   15.1
                                                          17.2
                                                                18.2
                                                                       18.5
                                                                             17.9
                                                                                    17.8
## [19501]
             17.8
                   17.7
                          17.2
                                16.2
                                      14.1
                                             12.3
                                                   11.7
                                                          11.4
                                                                10.9
                                                                       10.3
                                                                              9.7
                                                                                     9.3
## [19513]
             8.9
                    8.7
                           8.8
                                 8.6
                                       8.9
                                              9.5
                                                   10.2
                                                          11.2
                                                                12.4
                                                                       13.6
                                                                             14.5
                                                                                    15.2
## [19525]
             15.7
                   15.3
                          14.3
                                13.3
                                      11.9
                                             10.4
                                                    9.7
                                                           9.2
                                                                  8.7
                                                                        8.4
                                                                               8.4
                                                                                     8.1
## [19537]
                    8.2
                          8.3
                                 8.2
                                       7.0
                                              8.7
                                                   10.7
                                                          12.4
                                                                13.9
                                                                       15.2
                                                                                    16.9
             8.0
                                                                             16.3
## [19549]
             16.0
                   15.1
                         14.3
                                13.4
                                      12.2
                                             10.5
                                                   10.1
                                                           9.7
                                                                 9.0
                                                                        8.4
                                                                              7.6
                                                                                     6.8
## [19561]
             5.9
                    5.3
                           4.9
                                 4.8
                                        6.2
                                              7.5
                                                    9.1
                                                          10.5
                                                                11.9
                                                                       12.9
                                                                             13.5
                                                                                    14.3
## [19573]
             14.8
                   14.7
                         14.0
                                12.8
                                      11.1
                                              8.9
                                                    8.0
                                                           7.4
                                                                  6.6
                                                                        5.8
                                                                               5.1
                                                                                     4.4
## [19585]
             3.7
                    3.2
                           3.1
                                 2.8
                                        2.6
                                              3.9
                                                    6.6
                                                           9.3
                                                                11.5
                                                                       13.5
                                                                             14.9
                                                                                    16.2
## [19597]
             17.0
                   17.6
                         17.6
                                17.5
                                      15.1
                                             12.3
                                                   11.4
                                                          11.3
                                                                11.0
                                                                       10.7
                                                                              9.9
                                                                                     9.7
                                10.2
                                             10.3
                                                   13.6
                                                                       15.1
                                                                             17.4
                                                                                   17.0
## [19609]
             9.7
                    9.7
                         10.2
                                        8.8
                                                          15.5
                                                                15.0
  Γ19621
             15.1
                   13.4
                         12.4
                                12.3
                                      12.0
                                             10.2
                                                    9.1
                                                           8.7
                                                                  8.7
                                                                        8.9
                                                                              8.5
                                                                                     9.2
## [19633]
             9.0
                    8.9
                         10.4
                                10.0
                                       9.1
                                              8.8
                                                    9.3
                                                           9.7
                                                                 10.1
                                                                       12.2
                                                                             12.7
                                                                                    13.3
## [19645]
             13.7
                         14.2
                                14.3
                                      13.5
                                             10.9
                                                   10.3
                                                           9.6
                                                                        9.5
                                                                              9.3
                   13.4
                                                                  9.4
                                                                                     8.9
## [19657]
             8.3
                    7.5
                           7.6
                                 7.3
                                       7.4
                                             10.1
                                                   13.6
                                                          16.1
                                                                17.7
                                                                       18.8
                                                                             19.4
                                                                                    19.8
## [19669]
             19.8
                   19.3
                         18.7
                                17.8
                                      16.3
                                             13.2
                                                   12.3
                                                          11.7
                                                                11.2
                                                                       10.9
                                                                             10.6
                                                                                    10.5
                                                          17.9
## [19681]
             10.4
                   10.4
                         10.4
                                11.1
                                      12.3
                                             14.0
                                                   16.2
                                                                19.1
                                                                       19.9
                                                                             20.3
                                                                                    20.8
## [19693]
             20.9
                   20.6
                         19.9
                                18.7
                                      17.3
                                             16.1
                                                   15.2
                                                          14.8
                                                                14.7
                                                                       15.2
                                                                             15.6
                                                                                    15.6
                                                                19.3
## [19705]
             15.5
                   15.3
                         14.8
                                14.4
                                      14.7
                                             15.8
                                                   17.1
                                                          18.3
                                                                       20.1
                                                                             20.5
                                                                                    20.4
                                                                10.9
                                                                             10.4
## [19717]
             20.0
                   19.4
                         18.6
                                17.6
                                      16.1
                                             13.3
                                                   12.4
                                                          11.6
                                                                       10.5
                                                                                    10.8
## [19729]
             10.8
                   10.6
                         10.9
                                11.0
                                      11.1
                                             12.1
                                                   15.3
                                                          16.9
                                                                18.2
                                                                       19.0
                                                                             17.9
                                                                                    16.9
## [19741]
             14.7
                   13.4
                         13.0
                                12.8
                                      12.7
                                             12.1
                                                   11.8
                                                          11.4
                                                                10.6
                                                                       10.0
                                                                             10.0
                                                                                     9.9
## [19753]
             9.6
                    9.5
                           9.4
                                 9.0
                                       9.5
                                             10.8
                                                   13.5
                                                          15.7
                                                                17.3
                                                                       18.3
                                                                             19.0
## [19765]
             20.1
                   19.9
                         19.4
                                18.3
                                      16.9
                                             14.3
                                                   12.4
                                                          11.2
                                                                10.6
                                                                       10.9
                                                                             10.8
                                                                                    10.4
## [19777]
             10.0
                    9.6
                           8.5
                                 8.1
                                       7.7
                                             10.7
                                                   14.0
                                                          15.6
                                                                17.1
                                                                       18.1
                                                                             18.8
                                                                                    19.1
                                                   10.8 10.3
## [19789]
             19.2
                   19.2
                         18.7
                                17.7
                                      15.6
                                             12.0
                                                                 9.6
                                                                        8.8
                                                                              8.1
                                                                                     7.4
## [19801]
                    6.5
                           6.4
                                 6.2
                                        6.2
                                              9.7
                                                   12.7
                                                          14.8
                                                                17.2
                                                                       19.5
             6.9
                                                                             21.7
                                                                                    21.7
## [19813]
             21.6
                   20.9
                         20.4
                                19.0
                                      17.0
                                             13.9
                                                   12.3
                                                         12.3
                                                                12.3
                                                                       12.6
                                                                             12.2
                                                                                    12.6
                                      10.6
                                             13.1
                                                   15.4
                                                          16.9
                                                                16.4
## [19825]
             11.3
                   12.9
                         12.2
                                11.9
                                                                       16.2
                                                                             17.6
                                                                                    14.7
## [19837]
                                12.6
                                             10.8 10.3
                                                          10.7
                                                                10.5
             14.9
                   15.1
                         13.2
                                      12.1
                                                                       10.3
                                                                              9.8
                                                                                    10.8
                                        9.3
                                                   10.9
                                                          11.6
                                                                12.1
## [19849]
             10.1
                    9.5
                           9.5
                                 9.4
                                             10.4
                                                                       11.0
                                                                             10.3
                                                                                    11.8
                                             13.3
                                                   12.6
                                                          12.1
## [19861]
             14.0
                   14.3
                          14.8
                                13.6
                                      14.9
                                                                13.3
                                                                       13.0
                                                                             11.4
                                                                                    10.0
## [19873]
             9.5
                    9.0
                          7.2
                                 6.6
                                       7.7
                                             10.2
                                                   11.9
                                                          13.5
                                                                14.7
                                                                       16.1
                                                                             17.1
                                                                                    16.7
## [19885]
                   17.1
                         17.1
                                15.7
                                             11.5
                                                   10.6
                                                                  8.1
                                                                        7.7
             16.9
                                      14.5
                                                           8.9
                                                                              7.6
                                                                                     7.4
## [19897]
             7.4
                    7.4
                          7.2
                                 7.0
                                       5.9
                                              9.0
                                                   11.9
                                                          13.7
                                                                14.8
                                                                       15.5
                                                                             16.0
                                                                                    16.4
## [19909]
             16.5
                   16.3
                         15.9
                                15.2
                                      14.2
                                             10.8
                                                   10.4
                                                           9.9
                                                                 9.0
                                                                        8.5
                                                                              8.2
                                                                                     7.9
## [19921]
             7.5
                    7.3
                          7.0
                                 6.8
                                       4.0
                                              7.8
                                                   10.7
                                                          12.8
                                                                14.3
                                                                       15.6
                                                                             16.3
                                                                                    16.7
## [19933]
             16.9
                   16.7
                          16.2
                                15.4
                                      14.0
                                             10.3
                                                    9.6
                                                           9.6
                                                                 8.8
                                                                        8.3
                                                                              7.9
                                                                                     7.2
                                              8.1
## [19945]
             6.7
                    6.1
                           5.9
                                 5.7
                                        5.0
                                                   10.0
                                                          11.5
                                                                12.7
                                                                       13.6
                                                                             14.4
                                                                                    15.0
## [19957]
             15.2
                   14.8 14.2 13.2
                                      11.7
                                              9.8
                                                    8.9
                                                           8.3
                                                                 7.7
                                                                        7.0
                                                                               6.5
                                                                                     6.0
```

```
## [19969]
             5.5
                   5.1
                         6.5
                                6.2
                                      7.2
                                            8.5
                                                10.1
                                                       11.4 12.1 12.7 13.4
                        13.8
## [19981]
            14.1
                  14.0
                               13.1
                                     12.0
                                            9.8
                                                  8.8
                                                        8.2
                                                               7.6
                                                                     7.0
                                                                           6.6
                                                                                  6.3
## [19993]
             5.9
                   5.7
                         5.5
                                5.3
                                      4.9
                                            8.1
                                                 10.4
                                                       12.6
                                                              14.2
                                                                    15.5
                                                                          16.1
                                                                                16.3
## [20005]
                                                 10.3
                                                        9.6
                                                               8.8
                                                                     8.4
            16.3
                  16.2
                        15.9
                               15.4
                                     14.3
                                           11.2
                                                                           8.5
                                                                                  8.1
## [20017]
             7.5
                   8.3
                         8.5
                                8.4
                                      8.9
                                           10.6
                                                 11.7
                                                       13.2
                                                              16.2
                                                                    17.6
                                                                          18.6
                                                                                 20.0
## [20029]
            19.8
                  19.1
                        19.2
                              18.4
                                     17.2
                                           14.6 12.4
                                                       11.7
                                                              11.2
                                                                    10.8
                                                                          10.4
                                                                                10.1
             9.9
                   9.9
                        10.0
                               10.1
                                      9.7
                                           13.2
                                                 16.4
                                                       18.6
                                                              19.1
                                                                    19.7
                                                                          20.4
## [20041]
## [20053]
                  22.0
                        20.7
                               20.0
                                     18.6
                                                       14.2
                                                              13.8
                                                                    14.3
                                                                          14.2
            22.2
                                           15.9
                                                 14.3
                                                                                14.4
  [20065]
            13.6
                  13.2
                        13.1
                               12.8
                                     13.8
                                           16.4
                                                 19.4
                                                       21.2
                                                              22.6
                                                                    23.6
                                                                          24.4
                                                                                25.1
  [20077]
                                     21.9
                                           19.5
                                                 18.4
                                                              16.7
            25.4
                  25.1
                        24.2
                               23.2
                                                       17.8
                                                                    15.3
                                                                          14.6
                                                                                15.0
  [20089]
            15.5
                  14.9
                        14.4
                               14.3
                                     12.8
                                           15.9
                                                 16.5
                                                       16.8
                                                              16.9
                                                                    17.3
                                                                          19.1
## [20101]
            19.5
                  20.3
                        19.5
                               18.4
                                     16.7
                                           14.3
                                                 13.1
                                                       12.3
                                                              11.7
                                                                    11.7
                                                                          11.6
                                                                                11.1
## [20113]
            11.0
                  11.3
                        11.2
                               11.1
                                     11.4
                                           12.2
                                                 13.5
                                                       14.3
                                                              14.9
                                                                    15.4
                                                                          15.8
                                                                                16.4
## [20125]
                         16.3
                               15.4
                                     14.2
                                                       11.3
                                                              10.9
                                                                    10.2
                                                                           9.8
            16.7
                  16.7
                                           12.4
                                                 11.8
                                                                                  9.3
## [20137]
             9.0
                   8.7
                         8.8
                                9.2
                                      8.7
                                           11.6
                                                 13.0
                                                       16.1
                                                              18.8
                                                                    21.0
                                                                          21.8
                                                                                20.5
  [20149]
            20.5
                  21.8
                        20.8
                               21.7
                                     20.8
                                           18.8
                                                 17.5
                                                       15.9
                                                              15.5
                                                                    15.5
                                                                          14.9
                                                                                14.6
  [20161]
            15.3
                  13.5
                        13.0
                               12.6
                                     14.4
                                           16.3
                                                 16.7
                                                       17.0
                                                              16.6
                                                                    16.6
                                                                          16.5
                                                                                16.5
##
## [20173]
            16.2
                  16.1
                        17.3
                               16.5
                                     14.9
                                           12.3
                                                 11.7
                                                       11.7
                                                              12.5
                                                                    12.8
                                                                          12.9
                        11.9
## [20185]
                  10.7
                               11.9
                                     12.1
                                           12.3
                                                 12.0 12.1 11.9
                                                                    12.1
                                                                          12.4
            10.6
                                                                                13.5
## [20197]
            14.4
                  15.5
                        15.9
                               15.9
                                     15.1
                                           12.7
                                                 12.5
                                                       11.7
                                                              11.3
                                                                    10.8
                                                                          10.4
                                                                                10.0
                                     11.2
## [20209]
             9.9
                   9.8
                         9.7
                                9.3
                                           14.0
                                                 16.9
                                                       18.7
                                                              19.9
                                                                    20.8
                                                                          21.4
                                                                                21.4
## [20221]
            21.5
                  21.2
                        20.4
                               19.3
                                     17.9
                                           15.0
                                                 13.9
                                                       13.3
                                                              12.9
                                                                    12.9
                                                                          13.0
## [20233]
            12.9
                  12.8
                        12.7
                               12.3
                                     11.8
                                           14.9
                                                 18.1
                                                       20.2
                                                              21.6
                                                                    22.6
                                                                          23.4
                                                                                23.7
## [20245]
            24.0
                  23.9
                        23.5
                               22.5
                                     21.3
                                           19.3
                                                 18.0
                                                       16.7
                                                              15.8
                                                                    15.6
                                                                          15.9
                                                                                16.0
                                           16.3 17.8 19.4
                                                              21.4
                                                                    23.0
                                                                          23.5
                                                                                24.1
## [20257]
            15.2
                  14.3
                        13.9
                              13.5
                                     14.0
  [20269]
            24.5
                  24.3
                        23.8
                               21.7
                                     21.4
                                           17.8
                                                 17.0
                                                       16.3
                                                              16.1
                                                                    15.4
                                                                          14.9
## [20281]
            14.5
                  14.2
                        13.7
                               13.3
                                     13.6
                                           16.0
                                                 17.2
                                                       18.3
                                                              19.4
                                                                    20.1
                                                                          20.7
                                                                                21.1
## [20293]
            21.2
                               17.9
                                     16.0
                                           13.9
                                                 13.3
                                                       13.0
                                                              12.5
                  20.8
                        19.6
                                                                    11.8
                                                                          11.4
                                                                                11.0
## [20305]
            10.5
                  10.3
                        10.4
                               10.1
                                     12.3
                                           13.7
                                                 15.1
                                                       16.3
                                                              16.8
                                                                    16.9
                                                                          17.0
                                                                                17.8
  [20317]
            17.6
                  17.2
                        16.1
                               14.6
                                     13.9
                                           12.8
                                                 12.3
                                                       11.5
                                                              10.8
                                                                    10.8
                                                                          10.8
                                                                                10.6
## [20329]
            10.1
                   9.8
                         9.8
                                9.6
                                     10.5
                                           12.0
                                                 13.6
                                                       15.0
                                                              16.0
                                                                    16.8
                                                                          17.1
                                                                                16.6
##
  [20341]
            16.5
                  16.1
                        15.5
                               14.6
                                     13.5
                                           11.8
                                                 10.7
                                                         9.5
                                                               8.6
                                                                     8.0
                                                                           7.5
                                                                                 7.0
                                                       12.9
## [20353]
             6.6
                   6.3
                         6.0
                                5.6
                                      6.4
                                            8.8
                                                 11.2
                                                              14.0
                                                                    15.1
                                                                          15.5
                                                                                15.9
                        15.8
## [20365]
                  16.2
                                     13.5
                                           11.3
                                                 10.2
                                                         9.5
                                                               8.7
                                                                     7.9
                                                                           7.3
                                                                                  6.8
            16.1
                               14.9
## [20377]
             6.0
                   4.9
                         4.4
                                4.4
                                      5.8
                                            8.5
                                                 11.0
                                                       12.6
                                                              13.7
                                                                    14.6
                                                                          15.4
                                                                                 16.1
## [20389]
            16.5
                  16.5
                        16.1
                               15.3
                                     14.0
                                           11.7
                                                 10.1
                                                         9.1
                                                               8.4
                                                                     8.4
                                                                           8.1
                                                                                 7.7
## [20401]
             7.4
                   7.0
                         6.8
                                6.7
                                      6.6
                                           10.1
                                                 12.4
                                                       13.8
                                                              15.0
                                                                    16.1
                                                                          17.0
                                                                                18.1
## [20413]
            18.6
                  18.6
                        18.3
                               17.5
                                     16.2
                                           13.6
                                                 11.6
                                                       10.5
                                                               9.9
                                                                     9.1
                                                                           8.4
                                                                                  8.1
## [20425]
             7.5
                   7.0
                         6.8
                                6.7
                                      7.5
                                           11.0
                                                 13.3
                                                       14.7
                                                              16.1
                                                                    17.2
                                                                          18.1
                                                                                18.9
                                                       10.3
## [20437]
            19.4
                  19.5
                        19.4
                               18.7
                                     17.5
                                           14.4 11.7
                                                               9.2
                                                                     8.2
                                                                           7.9
                                                                                  7.7
  [20449]
                   7.3
                         7.2
                                7.1
                                      9.0
                                           12.8 15.4
                                                       17.3
                                                              19.1
                                                                    20.6
                                                                          21.6
                                                                                22.2
             7.5
## [20461]
            22.5
                  22.4
                        21.9
                               20.8
                                     19.1
                                           15.4
                                                 13.1
                                                       11.9
                                                              11.2
                                                                    10.5
                                                                           9.9
                                                                                 9.6
## [20473]
                         9.0
                                     11.5
                                           15.5
                                                 18.2
                                                       20.3
             9.3
                   8.8
                                9.1
                                                              21.8
                                                                    23.1
                                                                          24.2
                                                                                25.1
## [20485]
            25.8
                  26.0
                        25.4
                                     21.2
                                           17.2
                                                 15.0
                                                       14.3
                               23.7
                                                              13.9
                                                                    13.1
                                                                          12.4
                                                                                12.1
                        10.8
                                     12.6
                                                 18.6
                                                       20.3
                                                              22.1
                                                                    23.5
## [20497]
            11.5
                  11.1
                               10.6
                                           16.0
                                                                          24.4
                  25.1
                                           17.3
## [20509]
            25.3
                        24.3
                               23.0
                                     21.1
                                                 14.9
                                                       13.7
                                                              13.1
                                                                    12.5
                                                                          12.0
                                                                                11.4
##
  [20521]
            11.1
                  10.6
                        10.3
                               10.1
                                     12.9
                                           15.6
                                                 18.0
                                                       19.7
                                                              20.9
                                                                    22.3
                                                                          22.9
                                                                                23.6
## [20533]
                        22.9
                               22.5
                                     20.9
                                           17.6
                                                15.0
                                                       13.8
                                                              13.1
                                                                    12.5
                                                                                11.4
            23.9
                  23.5
                                                                          12.0
## [20545]
            10.7
                  10.3
                        10.4
                               10.2
                                     13.7
                                           15.6
                                                 17.7
                                                       19.4
                                                              20.8
                                                                    21.6
                                                                          22.2
                                                                                23.0
                                     20.1
## [20557]
            23.3
                  23.5
                        23.0
                               21.8
                                           17.7
                                                 15.8
                                                       14.8
                                                              13.9
                                                                    13.0
                                                                          11.8
                                                                                12.2
## [20569]
            12.6
                  12.8
                        12.9
                               12.5
                                     16.4
                                           19.3
                                                22.3
                                                       23.6
                                                              24.8
                                                                    25.2
                                                                          25.0
                                                                                24.8
## [20581]
            24.6
                  24.1
                        23.2
                              22.0
                                     20.4
                                          17.3 14.5 13.8 14.0
                                                                    14.3
                                                                         13.8
                                                                    23.8 23.3
## [20593]
            14.1
                  13.7
                        12.8
                              12.7
                                     15.0
                                           18.0 19.8
                                                       21.4
                                                              22.1
                                                                                23.8
                                     23.0 20.4 16.9 16.3 15.2 14.4 14.4 15.0
## [20605]
            24.1
                  25.1 23.8 23.6
```

```
## [20617]
            16.1
                  14.5 15.5 15.4 15.6
                                          18.3 20.6
                                                       21.8 22.5 24.1
                                                                          25.3
  [20629]
            26.3
                  26.0
                        24.4
                              22.5
                                     20.5
                                           18.0
                                                 15.7
                                                       15.7
                                                              15.1
                                                                    14.8
                                                                          14.3
                                                                                13.7
## [20641]
                                                       21.5
                                                              22.8
                                                                    24.2
            13.5
                  13.0
                        12.7
                               12.6
                                     14.7
                                           18.2 20.1
                                                                          25.0
                               23.1
                                           19.4
                                                 17.9
## [20653]
            25.4
                  25.2
                        24.3
                                     21.8
                                                       17.4
                                                              17.2
                                                                    16.6
                                                                          15.9
                                                                                15.5
  [20665]
            15.3
                  15.2
                        15.1
                               14.6
                                     16.7
                                           19.8
                                                 22.5
                                                       24.4
                                                              25.7
                                                                    26.9
                                                                          27.8
                                                                                 28.3
## [20677]
            28.4
                  28.3
                        28.0
                              27.4
                                     26.1
                                          23.1
                                                 20.7
                                                       19.4
                                                              18.5
                                                                    18.0
                                                                          18.0
                                                                                17.3
                        16.4
                              16.0
                                     17.9
                                           21.4
                                                 24.0
                                                       26.2
                                                              27.9
                                                                    29.0
                                                                          29.7
  [20689]
            16.5
                  16.4
                  29.4
                        29.1
                                           22.7
                                                 20.7
                                                       19.8
                                                              18.6
                                                                    18.1
## [20701]
            29.7
                               28.3
                                     26.5
                                                                          18.1
                                                                                17.8
  [20713]
            18.6
                  19.6
                        19.4
                               19.1
                                     20.4
                                           23.3
                                                 25.9
                                                       27.7
                                                              29.0
                                                                    30.5
                                                                          31.2
                                                                                31.3
                               28.5
                                                 22.0
                                                       20.4
                                                              19.2
##
  [20725]
            30.4
                  30.2
                        29.8
                                     27.1
                                           24.2
                                                                    18.6
                                                                          18.4
                                                                                18.3
  [20737]
            17.9
                  17.2
                        16.5
                               16.4
                                     19.8
                                           21.7
                                                 22.5
                                                       23.8
                                                              25.7
                                                                    25.9
                                                                          26.0
                                     23.3
## [20749]
            26.6
                  26.5
                        26.0
                               24.8
                                           20.5
                                                 17.7
                                                       17.0
                                                              18.1
                                                                    18.4
                                                                          18.7
                                                                                19.2
## [20761]
            19.8
                  20.4
                        18.4
                               19.7
                                     19.1
                                           22.0
                                                 23.7
                                                       23.2
                                                              23.9
                                                                    23.1
                                                                          26.2
                                                                                26.6
## [20773]
            24.2
                  23.9
                        24.9
                               27.5
                                     28.5
                                           26.4
                                                 25.3
                                                       23.5
                                                              22.8
                                                                    21.5
                                                                          20.0
                                                                                19.1
## [20785]
            17.6
                  16.3
                        15.9
                               15.9
                                     18.7
                                           19.5
                                                 20.3
                                                       21.1
                                                              21.7
                                                                    22.0
                                                                          22.3
                                                                                22.4
  [20797]
            22.3
                  22.6
                        22.3
                               21.4
                                     20.1
                                           18.9
                                                 18.0
                                                       17.9
                                                              17.6
                                                                    17.0
                                                                          16.4
                                                                                15.9
  [20809]
            15.7
                  15.7
                               15.4
                                     16.8
                                           17.9
                                                 18.7
                                                       19.6
                                                              20.6
                                                                    21.5
                                                                          22.3
                                                                                22.6
##
                        15.7
  [20821]
            22.6
                  22.0
                        21.4
                              20.9
                                     19.8
                                           18.2
                                                 17.2
                                                       17.5
                                                              16.9
                                                                    16.9
                                                                          16.4
                                                                          18.1
## [20833]
                  15.4
                        14.0
                              12.2
                                     14.6
                                           15.0
                                                 15.4
                                                       15.1
                                                              14.0
                                                                    16.5
            14.5
                                                                                17.9
## [20845]
            18.1
                  19.3
                        18.6
                              17.9
                                     17.0
                                           15.3
                                                 13.4
                                                       12.9
                                                              12.6
                                                                    12.5
                                                                          12.0
                                                                                11.8
                                     12.8
## [20857]
            11.8
                  10.9
                        10.6
                              12.2
                                           13.9
                                                 15.0
                                                       15.4
                                                              17.0
                                                                    18.2 18.9
                                                                                19.8
## [20869]
            20.3
                  20.5
                        19.6
                              19.0
                                     17.8
                                           15.5
                                                 13.8
                                                       13.4
                                                              13.1
                                                                    13.0
                                                                          12.7
                                                                                19.8
## [20881]
            12.3
                  12.4
                        12.2
                              12.0
                                     11.9
                                           14.7
                                                 16.7
                                                       18.6
                                                              19.6
                                                                    19.8 19.9
  [20893]
            20.7
                  20.7
                        21.3
                              21.0
                                     20.0
                                           17.7
                                                 14.0
                                                       13.2
                                                             13.7
                                                                    12.4
                                                                          12.7
##
                                                                                12.9
  [20905]
                              12.0
                                                 14.3 14.5
                                                             16.1
                                                                    16.2 16.3
##
            13.4
                  13.5
                        12.7
                                     13.5
                                           13.6
                                                                                15.9
  [20917]
            14.2
                  13.7
                        13.9
                              15.5
                                     14.7
                                           14.5
                                                 13.3
                                                       12.8
                                                              12.6
                                                                    12.8
                                                                          12.4
  [20929]
            12.3
                  12.0
                        12.0
                              12.3
                                     12.8
                                           15.7
                                                 16.7
                                                       17.6
                                                              18.7
                                                                    19.8
                                                                          20.7
                                                                                20.8
## [20941]
                              19.8
                                     18.4
                                           17.8
                                                 16.0
                                                       15.8
            20.9
                  20.7
                        20.3
                                                              15.2
                                                                    14.4
                                                                          14.4
                                                                                14.1
## [20953]
                                                              20.8
                                                                    20.2
                                                                          20.5
            13.9
                  13.7
                        14.0
                              13.5
                                     13.4
                                           16.2
                                                 18.1
                                                       19.5
                                                                                20.8
  [20965]
            20.6
                  21.5
                        21.0
                               20.6
                                     19.3
                                           16.8
                                                 14.2
                                                       14.4
                                                              14.3
                                                                    13.9
                                                                          13.6
                                                                                13.7
## [20977]
            13.4
                  13.0
                        12.5
                               12.1
                                     14.8
                                           17.5
                                                 19.5
                                                       21.0
                                                              22.3
                                                                    23.3
                                                                          23.7
                                                                                23.5
##
  [20989]
            23.4
                  23.1
                        22.6
                               21.9
                                     20.8
                                           18.8
                                                 16.0
                                                       15.5
                                                              15.3
                                                                    15.0
                                                                          15.1
                                                                                16.1
                                                       22.7
## [21001]
            16.2
                  15.8
                        15.6
                               15.4
                                     16.4
                                           19.1
                                                 21.1
                                                              23.8
                                                                    24.4
                                                                          24.6
                                                                                24.6
## [21013]
                  24.3
                        23.8
                               23.0
                                     21.9
                                           19.8
                                                 16.7
                                                       16.0
                                                              15.7
                                                                    15.3
                                                                          15.0
            24.5
                                                                                14.9
## [21025]
            15.3
                  15.4
                        15.0
                               14.7
                                     17.0
                                           19.8
                                                 22.3
                                                       24.1
                                                              25.7
                                                                    26.9
                                                                          27.7
                                                                                27.5
## [21037]
            27.3
                  27.0
                        26.7
                               25.7
                                     24.0
                                           21.6
                                                 19.2
                                                       18.3
                                                              18.0
                                                                    17.8
                                                                          17.6
                                                                                17.0
## [21049]
            17.1
                  17.2
                        17.2
                               16.9
                                     19.2
                                           22.3
                                                 24.9
                                                       26.8
                                                              28.2
                                                                    29.3
                                                                          30.0
## [21061]
            30.1
                  29.7
                        29.2
                               28.1
                                     26.7
                                           24.3
                                                 22.3
                                                       21.3
                                                              20.5
                                                                    19.8
                                                                          18.9
                                                                                18.1
## [21073]
            18.5
                  18.4
                        18.6
                               18.4
                                     20.1
                                           22.8
                                                 25.3
                                                       27.5
                                                              29.3
                                                                    30.5
                                                                          31.4
                                                                                31.2
                                                              20.8
                                                 23.4
                                                                    20.2
## [21085]
            30.5
                  30.1
                        29.6
                              28.6
                                     27.0
                                           25.0
                                                       21.8
                                                                          20.9
                                                                                20.9
## [21097]
                  18.9
                        18.2
                              17.8
                                     20.8
                                           24.0
                                                 26.5
                                                       28.2
                                                              29.2
                                                                    29.8
            19.9
                                                                          30.1
## [21109]
            29.5
                  29.0
                        28.7
                               28.0
                                     26.5
                                           23.9
                                                 21.3
                                                       20.9
                                                              20.2
                                                                    19.8 19.7
                                                                                19.3
                                     20.5
                                                 25.5
                                                       27.1
                                                              28.4
## [21121]
            18.8
                  18.4
                        18.1
                               18.0
                                           23.3
                                                                    29.4
                                                                          30.3
                                                                                31.1
            31.3
                  30.9
                        30.1
                               28.5
                                     26.9
                                           25.4
                                                 23.9
                                                       22.6
                                                              20.9
                                                                    20.3
                                                                          18.9
## [21133]
                                                                                18.5
                                                              30.0
                                                       26.5
                                                                    30.9
## [21145]
            18.5
                  17.6
                        17.3
                               17.5
                                     22.4
                                           24.1
                                                 26.0
                                                                          31.3
                                                                                31.7
                                                 23.3
                                                       22.5
## [21157]
            31.6
                  31.5
                        31.0
                               29.4
                                     28.0
                                           25.8
                                                              21.0
                                                                    20.7
                                                                          20.8
                                                                                20.9
## [21169]
            20.8
                  20.9
                        20.8
                               20.3
                                     22.0
                                           25.6
                                                 28.4
                                                       29.1
                                                              30.1
                                                                    30.5
                                                                          31.1
                                                                                27.5
## [21181]
                        26.8
                                     22.3
                                           21.2
                                                 20.4
                                                       19.3
                                                              19.8
                                                                    18.9
                                                                          18.0
                                                                                16.8
            29.6
                  29.1
                               24.4
## [21193]
            15.3
                  14.6
                        14.4
                               14.4
                                     14.6
                                           15.4
                                                 17.4
                                                       18.2
                                                              19.8
                                                                    21.2
                                                                          22.0
                                                                                22.6
                                     22.5
                                           20.7
## [21205]
            23.3
                  23.5
                        23.4
                               23.3
                                                 17.9
                                                       16.5
                                                              16.7
                                                                    15.8
                                                                          15.6
                                                                                15.1
## [21217]
            15.0
                  15.0
                        14.8
                               14.6
                                     16.7
                                           19.3
                                                 21.5
                                                       23.1
                                                              24.1
                                                                    24.6
                                                                          26.1
                                                                                26.2
## [21229]
            26.1
                  25.1
                        24.2
                              23.7
                                     23.2
                                           21.7
                                                 19.8 18.9
                                                              18.1
                                                                    17.4
                                                                         17.1
## [21241]
            16.3
                  16.1
                        15.7
                               15.4
                                     18.5
                                           20.2 21.7
                                                       23.1
                                                             24.1
                                                                    24.8
                                                                          25.2
                                                                                25.3
                                    22.9
                                           21.3
## [21253]
            25.1
                  24.9
                        24.4 23.8
                                                18.7 18.1 17.7 17.6 17.5
                                                                               17.3
```

```
## [21265]
            17.3 17.4 17.3 16.9 18.2 20.9 22.5
                                                      23.2 24.8 26.1
                                                                        26.8 27.2
## [21277]
           26.5
                 26.4
                       24.7
                             20.8
                                    18.7
                                         18.2 17.8
                                                     17.8
                                                           16.9
                                                                  16.7
                                                                        17.0
                                                            21.5
## [21289]
           16.3
                 16.2
                       16.1
                             15.9
                                    17.8
                                         19.0 20.5
                                                     19.8
                                                                  19.6
                                                                       19.8
## [21301]
                       20.4
                                         19.2 17.0
                                                      16.4
                                                            16.4
                                                                  16.4
            19.7
                 19.1
                             19.4
                                    19.3
                                                                        16.3
## [21313]
           15.1
                 15.1
                       14.9
                              15.4
                                    15.7
                                          16.6
                                                18.3
                                                      20.7
                                                            22.9
                                                                  25.0
                                                                        26.1
## [21325]
           27.4
                 27.1
                       25.6
                             24.5
                                    23.6 21.7
                                                18.6 18.5
                                                           18.4
                                                                  18.7
                                                                       17.8
                                                                             17.8
           16.8
                 16.4
                       16.3
                             16.2
                                   17.4
                                         17.6
                                                21.2
                                                      22.3
                                                            23.5
                                                                  24.2
                                                                        25.2
## [21337]
                 20.9
                       23.8
                                    23.7
                                         22.7
                                                20.8
                                                      20.2
                                                           19.8
                                                                  19.5
## [21349]
           22.1
                             24.2
                                                                       19.2
                                                                              19.1
## [21361]
            18.8
                 18.5
                       18.0
                             18.1
                                    19.6
                                         21.0
                                                22.7
                                                      22.2
                                                            24.3
                                                                  24.6
                                                                        25.4
                                                                              25.7
           25.5
                 25.0
                        24.4
                              23.7
                                    22.7
                                         21.4
                                               19.5
                                                           18.4
                                                                  18.4
## [21373]
                                                     18.8
                                                                        18.1
                                                                              17.6
## [21385]
           17.2
                 16.9
                        16.6
                              16.4
                                    18.8
                                         20.5
                                                22.1
                                                      23.1
                                                            24.2
                                                                  25.2
                                                                        26.3
                                                                              27.2
                 27.3
                                    25.2
## [21397]
           27.5
                        27.1
                              26.4
                                         23.6
                                                21.1
                                                      19.8
                                                            19.1
                                                                  18.4
                                                                        17.9
                                                                              17.9
## [21409]
           18.0
                 18.0
                       18.0
                              17.8
                                    18.6
                                         21.2
                                                23.1
                                                      24.6
                                                            26.0
                                                                  27.2
                                                                        28.2
                                                                              28.8
## [21421]
           29.3
                 29.2
                        28.9
                              28.3
                                    27.3
                                         25.3
                                                21.9
                                                      20.8
                                                            20.1
                                                                  20.0
                                                                       19.4
                                                                              19.0
## [21433]
           19.0
                 19.2
                        18.7
                              18.3
                                    19.8
                                          22.9
                                                25.4
                                                      27.1
                                                            28.6
                                                                  29.7
                                                                        30.7
                                                                              31.3
## [21445]
           31.6
                  31.6
                        31.3
                              30.7
                                    29.8
                                          27.3
                                                24.2
                                                      23.0
                                                            22.1
                                                                  21.4
                                                                        21.0
                                                                              20.6
## [21457]
           19.8
                 19.0
                       18.5
                             18.2
                                    21.5
                                         24.5
                                                26.7
                                                      28.3
                                                            29.6
                                                                  30.5
                                                                        31.4
                                                                              32.2
## [21469]
           32.4
                 32.4
                        32.2
                             31.5
                                    29.7
                                         27.4
                                                23.8
                                                      23.5
                                                            23.2
                                                                  22.7
                                                                        22.5
                                                                              22.4
## [21481]
           21.6
                 20.5
                       19.9
                             18.7
                                    22.2
                                         24.9
                                                27.4
                                                      29.0
                                                            30.1
                                                                  30.9
                                                                       31.9
                                                                              32.6
## [21493]
           32.8
                 32.7
                        32.5
                              32.1
                                    30.9
                                          28.5
                                                25.3
                                                      24.8
                                                            24.4
                                                                  23.2
                                                                        22.6
                                                                              22.5
                       21.7
## [21505]
           22.0
                 21.9
                              21.8
                                    25.1
                                         28.1
                                                30.4
                                                      32.2
                                                            34.0
                                                                  35.1
                                                                        35.9
                                                                              36.4
## [21517]
           36.4
                 36.3
                        35.8
                             34.9
                                    33.5
                                         31.6
                                                29.2
                                                      27.0
                                                            25.3
                                                                  24.2
                                                                        23.9
           23.0
## [21529]
                 22.7
                        22.6
                             22.6
                                    25.1
                                         28.0
                                                30.1
                                                      31.7
                                                            32.9
                                                                  33.7
                                                                        34.6
                                                                              35.4
                  35.5
                       35.0
                             34.1
                                    32.5
                                          30.0
                                                26.0
                                                      25.1
                                                            23.9
                                                                  22.9
                                                                        22.0
## [21541]
           35.7
                                                                              21.4
                             21.3
           20.9
                 20.7
                                    23.3
                                         25.8 27.7
                                                      29.1
                                                            30.5
                                                                  31.6 32.7
## [21553]
                       21.1
                                                                              33.4
## [21565]
           33.4
                 33.2
                       32.7
                              31.8
                                    29.9
                                         26.9
                                                24.4
                                                      22.9
                                                            21.7
                                                                  20.9
                                                                        20.2
## [21577]
           19.1
                 18.9
                       18.8
                             18.7
                                    20.8
                                         21.7
                                                23.1
                                                      23.9
                                                            24.9
                                                                  26.1
                                                                        27.1
                                                                              27.8
## [21589]
           27.9
                  27.7
                        27.3
                                    25.2
                                         23.2
                                                21.1
                                                     19.9
                                                            19.0
                                                                        18.7
                              26.6
                                                                  18.6
                                                                              18.5
           17.9
                                         21.0
                                               23.1
                                                                  26.3
## [21601]
                 17.1
                       16.2
                             16.3
                                    19.2
                                                      24.6
                                                            24.9
                                                                        27.7
                                                                              27.9
## [21613]
           27.6
                  28.5
                        29.0
                              28.6
                                    27.3
                                          25.0
                                                21.7
                                                      21.1
                                                            20.0
                                                                  19.2
                                                                        18.7
                                                                              18.2
                                                      27.9
## [21625]
            17.5
                 17.4
                       17.2
                              17.3
                                    21.6
                                          25.0
                                                27.9
                                                            29.1
                                                                  31.0
                                                                        31.6
                                                                              32.3
## [21637]
            30.9
                 29.4
                        28.4
                              27.5
                                    26.5
                                          25.2
                                                23.2
                                                      21.7
                                                            20.8
                                                                  20.3
                                                                        21.1
                                                                              21.5
                                    22.3
                                         24.5
                                                26.5
                                                      27.7
                                                            28.8
## [21649]
           20.1
                 19.9
                        19.1
                              19.0
                                                                  29.7
                                                                        30.2
                                                                              30.0
                                                            21.8
## [21661]
           29.4
                  28.6
                       27.9
                              26.6
                                    25.5
                                         24.1
                                                22.1
                                                      21.1
                                                                  22.2
                                                                        22.0
                                                                              20.4
## [21673]
           20.2
                  20.5
                        19.0
                              18.4
                                    21.9
                                         22.8
                                                23.6
                                                      24.4
                                                            25.2
                                                                  25.5
                                                                        25.7
                                                                              25.4
## [21685]
           22.8
                 22.0
                       22.3
                             21.8
                                    21.4
                                         21.0 20.4
                                                      20.0 19.6
                                                                  18.1 17.3
                                                                              17.0
## [21697]
           16.7
                 16.3
                       15.9
                             15.7
                                    19.4
                                         21.7 21.8 21.9 21.9
                                                                  21.8
                                                                        22.3
## [21709]
           20.7
                 22.0
                       22.6
                             21.2
                                    21.5
                                         20.8
                                               20.0 18.0 17.8 17.8 17.5
                                                                             17.3
## [21721]
            18.8
                 17.5
                       16.6
                             15.6
                                    18.2
                                          18.5
                                                18.4
                                                      18.5
                                                            19.1
                                                                  19.8
                                                                        20.1
                                                                              20.3
                                         20.3
## [21733]
           20.8
                 21.1
                       21.0
                             21.1
                                    21.0
                                               18.6 18.3 18.2 17.7 16.9
                                                                              16.7
## [21745]
                 16.7
                        16.8
                             16.8
                                    16.0
                                         16.7
                                                17.7
                                                      18.4
                                                           19.2
                                                                  20.2
                                                                        21.6
           16.5
## [21757]
           24.3
                 24.6
                       24.6
                             23.7
                                    22.3
                                         20.9
                                                18.5 18.0 17.7
                                                                  17.3 17.2 17.1
                              16.5
                                    19.5
                                         20.0
                                                22.6
                                                      24.1
                                                            24.7
## [21769]
           17.0
                 16.8
                       16.6
                                                                  23.6
                                                                        23.3
                                                                              23.2
           23.5
                 24.0
                              25.2
                                         22.3
                                               19.8
                                                     19.1
                                                            18.6
                                                                  18.4
                                                                       18.2
## [21781]
                       24.5
                                    24.1
                                                                              18.1
                                                      25.3
                                                            24.4
                                                                  25.0
## [21793]
           17.8
                 17.8
                       17.9
                              18.0
                                    19.4
                                          22.1
                                                24.1
                                                                        25.2
                  25.6
                                                22.5
                                                      20.8
                                                            19.6
                                                                              18.1
## [21805]
            25.4
                        25.6
                              26.4
                                    25.7
                                          24.5
                                                                  18.6
                                                                       18.3
                                                      25.3
## [21817]
            17.7
                 17.5
                       17.3
                              17.2
                                    19.3
                                         22.1
                                                24.0
                                                            26.2
                                                                  27.2
                                                                        28.1
                                                                              28.8
## [21829]
                 27.3
                        27.0
                              26.4
                                    25.9
                                         24.8
                                               22.7
                                                      21.5
                                                            20.9
                                                                  20.3
                                                                       19.8
                                                                              19.3
            27.3
## [21841]
           18.9
                 19.7
                        18.7
                              18.3
                                    20.4
                                         23.1
                                                24.9
                                                      25.7
                                                            24.9
                                                                  24.9
                                                                        26.9
                                                                              25.8
                              26.8
                                    25.3
## [21853]
           27.9
                 26.3
                        25.7
                                          24.5
                                                21.4
                                                      19.4
                                                            18.4
                                                                  18.1
                                                                        17.8
                                                                              18.8
## [21865]
            19.0
                 19.0
                       19.0
                              18.8
                                    19.6
                                         22.0
                                               23.6
                                                      24.1
                                                            24.8
                                                                  24.4
                                                                        26.9
                                                                              25.8
## [21877]
           27.6 27.6
                       27.1
                             26.4
                                    25.2 23.3 20.6 20.0 19.9 19.8 19.9
                                                                             19.5
## [21889]
            19.2 18.9
                       18.8
                             18.6
                                   21.2
                                         24.0
                                               26.1 27.5 28.5 29.2 28.0
                                                                             29.0
                 29.4 29.2 28.7 27.8 25.6 22.6 23.6 23.5 22.4 22.1 22.1
## [21901]
           29.0
```

```
## [21913]
            22.0
                  21.8 21.5 21.2
                                    22.9
                                          25.5 27.2
                                                      28.3 29.3 30.0 30.6
## [21925]
           31.1
                  30.9
                       30.5
                              29.8
                                    28.7
                                          27.1
                                               24.5
                                                      23.6
                                                            22.9
                                                                  22.1
                                                                        21.5
                                                                              21.0
                  20.0
                                          23.3
                                                      25.9
                                                            27.2
## [21937]
            20.7
                       19.5
                              19.3
                                    21.5
                                                24.9
                                                                  28.4
                                                                        29.6
## [21949]
                                          26.6
                                                      23.5
                                                            22.6
           30.6
                  30.2
                        29.8
                              28.9
                                    28.2
                                                24.5
                                                                  21.4
                                                                        20.5
                                                                              19.9
## [21961]
            19.4
                  18.8
                        18.6
                              18.4
                                    21.4
                                          23.5
                                                25.1
                                                      26.6
                                                            27.8
                                                                  28.7
                                                                        29.7
                                                                               30.5
## [21973]
           30.9
                  30.9
                        30.3
                              29.4
                                    28.5
                                          27.0
                                                24.5
                                                      23.1
                                                            22.2
                                                                  21.4
                                                                        20.5
                                                                              19.7
                              17.7
                                    21.0
                                          23.5
                                                25.3
                                                      26.9
                                                            28.3
                                                                  29.4
                                                                        30.3
## [21985]
            19.0
                  18.5
                        18.1
## [21997]
                        30.5
                                    28.4
                                                24.2
                                                      22.6
                                                            21.5
                                                                  20.8
            31.1
                  31.0
                              29.5
                                          26.7
                                                                        20.0
                                                                              19.1
## [22009]
            18.3
                  17.8
                       17.4
                              17.1
                                    20.4
                                          23.3
                                                25.2
                                                      26.9
                                                            28.5
                                                                  29.6
                                                                        30.5
                                                                              31.2
                        30.4
                              29.2
                                    27.9
                                          26.3
                                                24.4
                                                      23.1
                                                            22.0
                                                                        20.6
## [22021]
            31.4
                  31.1
                                                                  21.2
                                                                              19.4
                                          25.6
## [22033]
            18.9
                  18.4
                        18.3
                              18.0
                                    22.4
                                                27.5
                                                      27.2
                                                            29.2
                                                                  30.4
                                                                        31.5
                                    28.6
                                                      23.4
## [22045]
            32.4
                  32.5
                        32.0
                              30.0
                                          26.9
                                                24.1
                                                            23.0
                                                                  22.2
                                                                        21.6
                                                                              20.9
## [22057]
           20.8
                  20.0
                        20.0
                              20.1
                                    20.2
                                          19.8
                                                20.5
                                                      19.6
                                                            18.5
                                                                  19.6 19.2
                                                                              20.6
            21.8
                  22.2
                                    20.4
                                          19.2
## [22069]
                        22.2
                              21.4
                                                16.9
                                                      16.1
                                                            16.3
                                                                  16.0
                                                                       15.8
## [22081]
            14.8
                  14.7
                        14.9
                              16.0
                                    16.9
                                          17.4
                                                18.3
                                                      19.0
                                                            19.3
                                                                  20.4
                                                                        21.5
                                                                              22.2
## [22093]
            25.0
                  23.8
                        25.4
                              24.8
                                    24.4
                                          23.3
                                                22.4
                                                      20.7
                                                            19.9
                                                                  18.7
                                                                        17.7
                                                                              17.5
                  17.2
                       16.9
                              16.5
                                    19.0
                                          20.4
                                               20.8
                                                      23.9
                                                            25.6
                                                                  25.2
                                                                        27.8
                                                                              26.2
## [22105]
            17.4
## [22117]
            26.6
                  26.7
                        28.2
                              27.9
                                    26.8
                                          25.0
                                               22.1
                                                      21.1
                                                            20.7
                                                                  20.1
                                                                        21.1
## [22129]
            18.7
                  18.2
                       18.0
                              17.7
                                    19.5
                                          22.0
                                                24.1
                                                      26.0
                                                            27.9
                                                                  29.3 30.3
                                                                              30.8
## [22141]
           30.8
                  30.1
                        29.3
                              28.5
                                    27.6
                                          26.0
                                                24.3
                                                      23.5
                                                            22.4
                                                                  21.5
                                                                        21.2
                                                                              20.3
                                    21.8
## [22153]
           19.9
                  19.5
                       19.2
                              18.9
                                          24.4
                                                26.3
                                                      28.0
                                                            29.3
                                                                  30.3
                                                                        31.3
                                                                              31.9
## [22165]
           32.3
                  32.2
                        31.6
                              30.4
                                    28.9
                                          27.0
                                                24.6
                                                      24.3
                                                            23.6
                                                                  22.7
                                                                        22.2
           20.9
## [22177]
                  20.5
                        20.7
                              20.7
                                    23.0
                                          25.9
                                                28.1
                                                      29.5
                                                            30.6
                                                                  31.8 32.9
                                                                              33.6
## [22189]
            33.7
                  33.3
                        32.2
                              31.1
                                    30.1
                                          28.5
                                                26.5
                                                      25.7
                                                            25.1
                                                                  24.6
                                                                        24.2
                                                                              23.8
                              22.0
## [22201]
           23.2
                  22.8
                        22.4
                                         27.5
                                                29.3
                                                      30.7
                                                                  32.9 33.6
                                    24.6
                                                            31.9
                                                                              34.2
                                                      25.3
## [22213]
           34.4
                  34.0
                        33.0
                              31.9
                                    31.0
                                          29.7
                                                27.1
                                                            24.7
                                                                  24.2
                                                                        23.9
## [22225]
            22.2
                  21.4
                        20.8
                              20.5
                                    24.0
                                          26.3
                                                27.8
                                                      29.1
                                                            29.9
                                                                  30.7
                                                                        31.4
                                                                              32.0
## [22237]
                  32.7
                                    30.8
                                          27.7
                                                25.1
                                                      24.4
                                                            23.7
                                                                  23.3
           32.6
                        32.7
                              32.1
                                                                        23.0
                                                                              22.4
                                                      27.7
                                                            28.5
                                                                        29.6
## [22249]
           21.8
                  21.4
                        21.0
                              20.8
                                    22.6
                                          24.7
                                                26.2
                                                                  29.1
                                                                              30.3
## [22261]
           30.7
                  30.8
                        30.7
                              30.0
                                    28.9
                                          27.1
                                                25.1
                                                      24.2
                                                            23.0
                                                                  22.0
                                                                        21.3
                                                                              20.6
## [22273]
            19.8
                  19.3
                        18.7
                              18.3
                                    21.6
                                          23.7
                                                25.4
                                                      26.8
                                                            27.8
                                                                  28.9
                                                                        29.9
                                                                              30.7
## [22285]
            30.9
                  30.9
                        30.5
                              29.9
                                    29.0
                                          27.3
                                                24.8
                                                      23.3
                                                            22.2
                                                                  21.5
                                                                        21.2
                                                                              20.8
                                                      28.0
## [22297]
            20.1
                  19.5
                        19.1
                              18.7
                                    22.2
                                          24.7
                                                26.6
                                                            29.1
                                                                  30.1
                                                                        31.1
                                                                              31.6
## [22309]
           32.1
                  32.1
                        31.6
                              30.9
                                    29.9
                                          28.0
                                                25.6
                                                      24.4
                                                            23.2
                                                                  22.1
                                                                        21.3
                                                                              21.0
## [22321]
            20.6
                  20.2
                        19.9
                              19.7
                                    22.2
                                          24.5
                                                26.8
                                                      28.9
                                                            30.7
                                                                  31.9
                                                                        31.8
                                                                              32.5
## [22333]
           32.7
                  32.6
                        32.2
                              31.4
                                    29.9
                                          28.0
                                                25.7
                                                      24.3
                                                            23.7
                                                                  23.0
                                                                        22.2
                                                                              21.6
## [22345]
            21.2
                  20.7
                        20.6
                              20.0
                                    22.1
                                          24.2
                                                26.2
                                                      27.8
                                                            29.3
                                                                  30.4 31.2
## [22357]
           30.1
                  30.0
                        30.7
                              30.0
                                    29.3
                                          28.0
                                                25.1
                                                      24.2
                                                            23.7
                                                                  22.7
                                                                        22.4
                                                                              22.3
## [22369]
            21.7
                  21.4
                        21.0
                              20.4
                                    21.8
                                          24.4
                                                26.7
                                                      28.6
                                                            29.9
                                                                  31.2
                                                                        32.4
                                                                              32.9
                                                      24.5
                              29.7
                                                                  22.5 22.0
## [22381]
           32.3
                  31.4
                       30.5
                                    28.6
                                          27.2
                                                25.7
                                                            24.1
                                                                              22.1
## [22393]
                  21.6
                        21.5
                              21.2
                                    22.5
                                          25.2
                                                27.5
                                                      29.3
                                                            30.6
                                                                  32.0 32.7
           21.8
## [22405]
           34.1
                  34.2
                       33.9
                              33.3
                                    32.2
                                          30.0
                                                26.7
                                                      25.5
                                                            24.8
                                                                  23.6 22.6
                                                                              22.0
                              20.1
                                    23.2
                                          25.4
                                                27.1
                                                      28.3
                                                            29.7
## [22417]
            21.5
                  21.1
                        20.6
                                                                  31.1
                                                                        32.4
                                                                              33.3
                  33.9
                        33.6
                              32.9
                                    31.8
                                          30.1
                                                27.8
                                                      26.7
                                                            25.7
                                                                  24.8
                                                                        23.9
## [22429]
            33.8
                                                                              23.0
                                                27.3
                                                      28.7
                                                            30.1
## [22441]
            22.0
                  21.2
                        21.1
                              21.0
                                    23.0
                                          25.6
                                                                  31.4
                                                                        32.4
                                          29.0
                                                25.7
                                                                        22.7
## [22453]
            33.2
                  33.4
                        33.3
                              32.9
                                    31.6
                                                      24.5
                                                            24.0
                                                                  23.2
                                                                              21.9
## [22465]
            21.3
                  20.9
                        20.9
                              20.9
                                    22.9
                                          26.2
                                                28.1
                                                      30.5
                                                            32.2
                                                                  33.1
                                                                        33.9
                                                                              34.6
## [22477]
                                          29.1
                                                25.3
                                                      24.8
                                                            24.2
                                                                  23.3
                                                                        22.4
            35.1
                  35.1
                        34.5
                              33.5
                                    31.8
                                                                              21.9
## [22489]
            21.4
                  22.1
                        22.0
                              21.7
                                    22.2
                                          24.2
                                                26.2
                                                      28.0
                                                            30.1
                                                                  31.8 32.9
                                                                              30.9
                                    28.4
                                                      25.3
## [22501]
            30.5
                  29.8
                        29.1
                              28.8
                                          27.7
                                                26.8
                                                            24.2
                                                                  23.4
                                                                        21.9
                                                                              21.6
## [22513]
            22.0
                  21.9
                        21.5
                              21.7
                                    20.0
                                          22.2
                                                24.3
                                                      26.3
                                                            27.9
                                                                  29.0
                                                                        29.4
                                                                              29.6
                                    26.1 24.2 21.5 20.8
## [22525]
            29.6 29.1
                       28.1
                             27.3
                                                           20.5 20.3 21.3 21.2
                       20.1
                                                            28.6
## [22537]
            20.8
                  20.4
                             19.7
                                    20.6
                                          23.2
                                                25.5
                                                      27.1
                                                                  29.7 30.4
                                                                              30.5
## [22549]
            29.9 29.1 28.1 27.0
                                    25.7 23.8 21.7 21.2 20.9 20.8 20.6 20.6
```

```
## [22561]
            19.8 19.5 18.7 18.3
                                    20.2
                                          23.0 24.8
                                                       26.1 27.2 28.2
                                                                         29.0
## [22573]
            29.7
                  29.7
                        29.2
                              28.6
                                    27.7
                                          26.0 23.4
                                                       22.5
                                                             21.8
                                                                   21.0
                                                                         20.5
                                                                               19.6
                                          22.6
## [22585]
            19.0
                  18.5
                        18.2
                              18.0
                                    20.2
                                               24.5
                                                       26.0
                                                             26.8
                                                                   27.9
                                                                         29.1
## [22597]
                              28.4
                                          25.4
                                                 23.9
                                                       23.4
                                                             22.8
                                                                   22.3
            30.1
                  30.2
                        29.5
                                    27.1
                                                                         21.8
                                                                               21.6
## [22609]
            22.2
                  22.5
                        22.5
                              22.4
                                    22.6
                                          23.1
                                                 24.5
                                                       25.8
                                                             27.3
                                                                   29.2
                                                                         29.4
                                                                               30.8
## [22621]
            31.4
                  31.6
                        31.4
                              31.0
                                    30.2
                                          28.9
                                                 26.9
                                                       25.8
                                                             24.8
                                                                   24.0
                                                                         23.2
                                                                               22.7
                  22.8
                        22.8
                              23.0
                                    23.4
                                          24.5
                                                 25.9
                                                       27.3
                                                             29.6
                                                                   31.1
                                                                         32.5
## [22633]
            22.5
                                                                         23.9
                        32.6
                                          27.4
                                                 25.4
                                                       25.3
                                                             24.8
                                                                   24.3
## [22645]
            34.1
                  34.0
                              31.0
                                    29.5
                                                                               23.2
                                                 27.3
##
  [22657]
            23.0
                  23.3
                        23.5
                              22.8
                                    23.4
                                          25.8
                                                       29.4
                                                             30.8
                                                                   32.1
                                                                         33.3
                                                                               34.2
                                    29.9
                                          27.9
                                                 25.9
                                                       25.6
                                                             25.2
                                                                   25.0
                                                                         24.6
## [22669]
            34.7
                  34.4
                        32.1
                              31.2
                                                                               24.3
                                                       28.6
## [22681]
            24.1
                  23.8
                        23.8
                              23.3
                                    23.2
                                          25.7
                                                 27.3
                                                             29.9
                                                                   31.2
                                                                         32.4
                                                 27.5
                                                                         23.0
## [22693]
            34.2
                  34.4
                        34.1
                              33.3
                                    32.1
                                          30.0
                                                       26.3
                                                             24.9
                                                                   23.8
                                                                               22.3
## [22705]
            21.8
                  21.5
                        21.1
                              20.8
                                    22.7
                                          25.7
                                                 27.2
                                                       28.6
                                                             29.5
                                                                   30.7
                                                                         32.2
                                                                               33.1
            33.7
                  33.9
                        33.5
                              32.7
                                    31.4
                                          29.0
                                                 26.4
                                                       25.2
                                                             24.3
                                                                   23.4
                                                                         22.9
## [22717]
                                                                               22.3
## [22729]
            21.9
                  22.3
                        22.2
                              21.8
                                    23.9
                                          25.5
                                                 26.8
                                                       28.1
                                                             28.4
                                                                   29.7
                                                                         30.5
                                                                               31.5
## [22741]
            32.0
                  32.1
                        31.9
                              31.9
                                    31.2
                                          29.4
                                                 27.1
                                                       26.0
                                                             24.8
                                                                   23.9
                                                                         23.5
                                                                               23.2
## [22753]
            23.2
                  23.8
                        23.7
                              23.5
                                    24.2
                                          27.0
                                                29.0
                                                       31.0
                                                             32.7
                                                                   34.1
                                                                         35.3
                                                                               35.9
## [22765]
            35.7
                  35.2
                        34.4
                              32.9
                                    31.0
                                          28.4
                                                25.9
                                                       24.7
                                                             23.8
                                                                   23.1
                                                                         22.6
## [22777]
            22.5
                  22.4
                        22.4
                              22.4
                                    24.5
                                          27.1
                                                 29.3
                                                       31.1
                                                             32.7
                                                                   33.9
                                                                         34.4
                                                                               34.3
## [22789]
            33.4
                  32.8
                        32.2
                              31.7
                                    30.6
                                          28.8
                                                 26.3
                                                       25.1
                                                             24.6
                                                                   24.4
                                                                         24.2
                                                                               23.9
## [22801]
            23.1
                  22.7
                        22.4
                              22.3
                                    25.0
                                          27.9
                                                 30.0
                                                       31.3
                                                             32.6
                                                                   33.6
                                                                         34.5
                                                                               35.5
## [22813]
            36.0
                  36.3
                        35.7
                              34.5
                                    32.9
                                          30.7
                                                 28.5
                                                       27.3
                                                             26.2
                                                                   25.1
                                                                         24.0
## [22825]
            22.7
                  22.4
                        22.4
                              22.3
                                    23.4
                                          25.2
                                                 27.1
                                                       29.0
                                                             30.7
                                                                   32.2
                                                                         33.6
                                                                               34.7
## [22837]
                  35.8
                        35.7
                              34.0
                                    31.5
                                          29.6
                                                 27.9
                                                       26.3
                                                             26.5
                                                                   26.0
                                                                         25.5
            35.4
                                                                               24.3
                        22.3
                              21.9
                                          25.3
                                                27.4
                                                       29.3
                                                             30.8
## [22849]
            24.1
                  23.2
                                    23.5
                                                                   31.7
                                                                         32.6
                                                                               33.6
                                                 27.6
## [22861]
            34.3
                  34.6
                        34.6
                              34.0
                                    33.0
                                          30.6
                                                       26.1
                                                             25.1
                                                                   24.4
                                                                         23.5
## [22873]
            22.1
                  21.7
                        21.2
                              20.9
                                    22.7
                                          25.7
                                                 27.9
                                                       29.7
                                                             31.0
                                                                   32.2
                                                                         33.6
                                                                               34.8
## [22885]
                                          30.7
                                                 27.9
                                                       26.5
                                                             25.6
            35.6
                  35.7
                        35.3
                              34.6
                                    33.4
                                                                   24.8
                                                                         24.0
                                                                               23.4
                                                       30.6
## [22897]
            23.0
                  22.6
                        22.3
                              22.0
                                    23.0
                                          26.5
                                                 28.7
                                                             32.0
                                                                   33.3
                                                                         34.6
                                                                               35.8
## [22909]
            36.5
                  36.9
                        36.8
                              36.1
                                    35.0
                                          31.3
                                                 28.6
                                                       27.4
                                                             26.5
                                                                   25.5
                                                                         24.9
                                                                               24.3
## [22921]
            23.4
                  22.6
                        22.4
                              22.4
                                    23.6
                                          25.8
                                                 27.7
                                                       29.5
                                                             31.0
                                                                   32.4
                                                                         33.7
                                                                               34.6
                        35.1
## [22933]
            35.1
                  35.3
                              34.5
                                    33.3
                                          30.8
                                                 28.4
                                                       26.9
                                                             25.7
                                                                   25.2
                                                                         24.6
                                                                               24.0
                                                 28.4
## [22945]
            23.2
                  22.5
                        22.3
                              21.8
                                    23.2
                                          26.4
                                                       30.1
                                                             31.5
                                                                   31.9
                                                                         33.0
                                                                               34.0
                                                                         23.6
## [22957]
            34.5
                  34.5
                        33.9
                              32.8
                                    31.1
                                          28.8
                                                 27.2
                                                       26.3
                                                             25.3
                                                                   24.5
                                                                               22.8
## [22969]
            22.4
                  22.1
                        21.8
                              21.5
                                    23.5
                                          26.2
                                                 28.3
                                                       29.9
                                                             31.1
                                                                   32.0
                                                                         33.2
                                                                               34.0
## [22981]
            34.6
                  34.6
                        34.2
                              33.4
                                    32.1
                                          29.6
                                                 27.7
                                                       26.5
                                                             25.4
                                                                   24.3
                                                                         23.4
                                                                               22.7
## [22993]
            22.2
                  21.6
                        21.5
                              21.1
                                    22.9
                                          25.9
                                                 28.3
                                                       30.0
                                                             31.3
                                                                   32.5
                                                                         33.9
                                                                               35.2
## [23005]
            35.3
                  35.6
                        35.1
                              34.2
                                    32.7
                                          30.1
                                                 27.7
                                                       26.5
                                                             25.3
                                                                   23.9
                                                                         23.2
                                                                               22.7
## [23017]
            22.2
                  21.5
                        21.3
                              21.1
                                    22.9
                                          25.9
                                                 28.0
                                                       29.7
                                                             31.0
                                                                   32.3
                                                                         33.6
                                                                               34.9
                                                             25.1
                                                27.0
                                                       25.9
## [23029]
            35.6
                  35.8
                        35.2
                              34.2
                                    32.8
                                          29.4
                                                                   24.5
                                                                         23.9
                                                                               23.0
  [23041]
                  21.8
                        21.8
                              21.8
                                    22.6
                                          25.5
                                                 27.6
                                                       29.2
                                                             30.5
                                                                   31.5
            22.1
                                                                         32.7
## [23053]
            34.4
                  34.4
                        33.9
                              33.0
                                    31.7
                                          29.2
                                                 27.2
                                                       26.0
                                                             24.9
                                                                   24.0
                                                                         23.3
                                                                               22.6
                              21.7
                                          25.4
                                                 27.4
                                                       29.1
## [23065]
            22.0
                  21.8
                        21.7
                                    22.2
                                                             30.5
                                                                   31.8
                                                                         32.9
                                                                               33.7
## [23077]
                              33.2
                                    31.8
                                          28.7
                                                 26.8
                                                       25.7
                                                                   23.9
                                                                         23.1
            34.1
                  34.2
                        34.0
                                                             24.7
                                                                               22.4
                                    22.5
                                                 28.2
                                                       29.9
                                                             31.5
## [23089]
            22.0
                  21.8
                        21.9
                              21.6
                                          25.9
                                                                   32.6
                                                                         33.1
                                                 26.3
                                                       25.4
## [23101]
            33.7
                  33.4
                        32.9
                              32.0
                                    30.5
                                          28.0
                                                             24.6
                                                                   23.8
                                                                         23.3
                                                                               23.2
                                                       27.7
## [23113]
            23.0
                  22.7
                        22.4
                              22.2
                                    22.9
                                          25.4
                                                 26.7
                                                             28.4
                                                                   29.1
                                                                         29.5
                                                                               29.9
## [23125]
            29.8
                  29.4
                                          24.6
                                                23.6
                                                       22.8
                                                             22.0
                                                                         21.0
                                                                               20.6
                        28.7
                              27.7
                                    26.5
                                                                   21.4
## [23137]
            20.4
                  20.0
                        19.7
                              19.4
                                    19.4
                                          21.5
                                                 23.7
                                                       25.9
                                                             27.4
                                                                   28.0
                                                                         28.5
                                                                               29.1
                              27.7
                                                       22.6
## [23149]
            29.3
                  29.1
                        28.5
                                    26.4
                                          24.3
                                                 23.4
                                                             21.8
                                                                   21.4
                                                                         20.9
                                                                               20.6
## [23161]
            20.3
                  19.9
                        19.6
                              19.4
                                    19.7
                                          21.6
                                                 23.9
                                                       25.8
                                                             26.9
                                                                   28.0
                                                                         28.7
                                                                               29.0
                                          23.9
                                               23.2 22.7
## [23173]
            29.0
                  28.6
                        28.1
                              27.2
                                    25.9
                                                             22.0 21.1 20.3 20.0
## [23185]
            19.6
                 19.2
                        19.1
                              18.9
                                    18.4
                                          21.4
                                                24.0
                                                       26.0 27.3 28.1 28.7
                                                                               29.1
## [23197]
            29.5
                  29.7 29.5 28.7 27.4 24.9
                                                23.7
                                                       22.8 22.0 21.2 20.3 19.8
```

```
## [23209]
            19.4 18.9 18.4 18.1 18.9
                                          22.2 24.5
                                                      26.1 27.6 28.8 29.8
## [23221]
           31.8
                  32.3
                        32.3
                              31.4
                                    29.5
                                          25.7
                                                23.9
                                                      23.4
                                                            22.1
                                                                   21.6
                                                                         21.5
                                                                               21.3
           20.6
                                    21.2
                                          25.2
                                                             31.3
## [23233]
                  19.7
                        19.3
                              19.4
                                                27.3
                                                      29.3
                                                                   33.0
                                                                        34.0
## [23245]
                                          27.1
                                                26.0
                                                      25.4
                                                             24.2
                                                                   23.4
           33.9
                  33.5
                        33.1
                              31.6
                                    29.7
                                                                         22.7
                                                                               22.2
## [23257]
            21.9
                  22.1
                        21.5
                              21.0
                                    21.7
                                          23.9
                                                25.8
                                                      27.2
                                                             28.1
                                                                   29.1
                                                                         30.0
                                                                               30.8
## [23269]
           31.2
                  31.2
                        30.8
                              29.8
                                    28.3
                                          25.7
                                                24.2
                                                      23.0
                                                             22.3
                                                                   21.6
                                                                        20.9
                                                                               20.3
                  19.9
                        19.6
                              19.4
                                    19.1
                                          22.8
                                                25.4
                                                      28.1
                                                             30.7
                                                                   32.9
                                                                         34.3
## [23281]
           20.1
                        35.1
                                          27.1
                                                26.2
                                                      25.0
                                                             24.2
                                                                   23.7
                                                                         22.9
## [23293]
            35.9
                  36.0
                              32.7
                                    30.3
                                                                               22.3
  [23305]
            21.7
                  21.1
                        20.9
                              21.0
                                    21.3
                                          24.4
                                                28.4
                                                      31.2
                                                             32.7
                                                                   33.1
                                                                         33.5
                                                                               33.9
                              30.8
                                    29.3
                                          26.4
                                                25.6
                                                      24.9
                                                             23.6
                                                                   24.0
                                                                         22.9
                                                                               22.2
##
  [23317]
            33.8
                  33.2
                        32.1
  [23329]
            22.2
                  22.1
                        21.9
                              21.7
                                    22.7
                                          23.4
                                                24.5
                                                      25.3
                                                             26.7
                                                                   28.6
                                                                         29.7
                                                                               30.3
                                                                         22.0
## [23341]
            30.6
                  30.7
                        30.6
                              29.9
                                    28.1
                                          25.5
                                                24.6
                                                      24.0
                                                             23.3
                                                                   22.7
                                                                               21.3
## [23353]
            21.5
                  21.5
                        21.1
                              21.7
                                    21.3
                                          22.8
                                                25.4
                                                      27.2
                                                             29.2
                                                                   30.3
                                                                         30.3
                                                                               30.1
## [23365]
            29.9
                  29.2
                        28.4
                                    25.6
                                          23.2
                                                      21.6
                                                                   21.5
                                                                         21.2
                              27.2
                                                22.4
                                                             21.4
                                                                               19.3
## [23377]
            17.9
                  17.6
                        16.7
                              16.2
                                    17.2
                                          15.1
                                                13.5
                                                      14.6
                                                             15.3
                                                                   17.2
                                                                         19.2
                                                                               21.1
## [23389]
            22.6
                  23.5
                        23.8
                              23.1
                                    21.7
                                          18.7
                                                17.8
                                                      17.5
                                                             17.4
                                                                   16.9
                                                                         16.3
                                                                               15.8
## [23401]
            14.5
                  14.2
                              13.8
                                    13.2
                                          16.6
                                                19.8
                                                      21.2
                                                             22.4
                                                                   23.7
                                                                         25.0
                                                                               25.7
                        14.1
## [23413]
            26.0
                  25.9
                        25.3
                              24.1
                                    22.6
                                          19.7
                                                18.9
                                                      18.7
                                                             18.6
                                                                   18.2
                                                                         17.4
## [23425]
                  16.0
                        15.6
                              15.3
                                    14.3
                                          18.0 20.6
                                                      22.4
                                                             23.7
                                                                   24.6
                                                                         25.1
                                                                               25.3
            16.4
## [23437]
            25.5
                  25.5
                        25.1
                              24.2
                                    22.7
                                          20.4
                                                19.6
                                                      19.0
                                                             18.6
                                                                  17.5
                                                                         16.8
                                                                               16.3
## [23449]
            16.3
                  16.2
                        15.6
                              15.0
                                    16.2
                                          19.4 21.2
                                                      23.2
                                                             24.1
                                                                   24.6
                                                                         25.8
                                                                               26.6
## [23461]
            27.0
                  27.3
                        27.1
                              26.3
                                    25.1
                                          22.8
                                                22.1
                                                      21.3
                                                             20.5
                                                                   19.9
                                                                        19.8
## [23473]
           20.0
                  19.3
                        19.8
                              19.6
                                    17.7
                                          19.5
                                                21.5
                                                      23.7
                                                             24.8
                                                                   26.0
                                                                         26.4
                                                                               26.2
                  24.3
                        23.8
                              22.5
                                    21.5
                                          20.5
                                                19.4
                                                      19.2
                                                            18.8
                                                                   18.5
                                                                         17.9
  [23485]
            24.7
                                                                               17.8
                  16.8
                              18.4
                                          19.0 21.4
                                                      22.1
                                                            23.0
                                                                  24.1
                                                                         25.4
                                                                               25.9
## [23497]
            17.2
                        18.1
                                    16.3
                                          20.5
  [23509]
            26.0
                  25.9
                        25.4
                              24.4
                                    22.8
                                                19.6 18.9
                                                             18.3
                                                                   17.8
                                                                        17.2
                                                                               16.8
## [23521]
            16.3
                  16.1
                        15.9
                              15.8
                                    15.7
                                          18.6
                                                21.1
                                                      22.8
                                                             23.9
                                                                   24.8
                                                                         25.6
                                                                               26.4
## [23533]
                                                      19.4
                                                                   17.6
            26.9
                  27.1
                        26.6
                              25.8
                                    24.4
                                          21.1
                                                20.0
                                                             18.4
                                                                         17.0
                                                                               16.7
                                                             25.0
## [23545]
            16.2
                  15.8
                        15.6
                              15.4
                                    16.1
                                          19.1
                                                21.6
                                                      23.4
                                                                   26.2
                                                                         27.3
                                                                               28.0
  [23557]
            28.5
                  28.7
                        28.3
                              27.3
                                    25.3
                                          21.6
                                                20.7
                                                      19.8
                                                             18.7
                                                                   18.0
                                                                         17.5
                                                                               17.4
## [23569]
            17.2
                  17.0
                        16.9
                              16.7
                                    16.8
                                          19.9
                                                22.3
                                                      24.2
                                                             25.7
                                                                   26.6
                                                                         27.3
                                                                               28.0
##
  [23581]
            27.7
                  27.9
                        28.1
                              27.1
                                    24.9
                                          22.3
                                                21.1
                                                      20.3
                                                             19.7
                                                                   19.3
                                                                         20.0
                                                                               19.9
                                                      23.6
                                                             24.2
## [23593]
            19.6
                  19.5
                        19.4
                              19.3
                                    20.1
                                          21.2
                                                22.2
                                                                   24.7
                                                                         25.6
                                                                               25.6
## [23605]
            25.4
                  24.5
                        24.0
                              22.3
                                    20.9
                                          19.9
                                                19.2
                                                      18.7
                                                             18.4
                                                                   18.0
                                                                         17.8
                                                                              17.6
## [23617]
            17.4
                  17.2
                        17.9
                              18.0
                                    17.7
                                          19.1
                                                20.5
                                                      21.8
                                                             22.9
                                                                   23.8
                                                                         24.4
                                                                               24.5
## [23629]
           24.3
                  23.9
                        23.2
                              22.1
                                    20.4
                                          19.2 18.8
                                                      18.5
                                                             18.1
                                                                  17.8 17.6
                                                                              17.2
## [23641]
            17.7
                  17.8
                        17.8
                              17.6
                                    16.2
                                          17.2 17.8
                                                      17.9
                                                             18.1
                                                                   18.7
                                                                         19.1
## [23653]
            18.0
                  17.5
                        17.8
                              17.7
                                    17.5
                                          17.5
                                                17.6
                                                      17.0 16.2
                                                                   16.4
                                                                        16.4
                                                                               15.6
  [23665]
            14.9
                  14.9
                        15.0
                              14.4
                                    13.6
                                          16.8
                                                18.9
                                                      21.1
                                                             23.2
                                                                   24.7
                                                                         25.7
                                                                               26.3
                                          19.8 19.7 19.0 18.5
  [23677]
            26.8
                  26.9
                        26.6
                              24.5
                                    21.6
                                                                  18.7
                                                                         18.4
                                                                               18.2
##
  [23689]
                  16.7
                        16.0
                              16.0
                                    13.9
                                          17.4 20.2
                                                      22.2 24.1
                                                                   25.4
            17.4
                                                                         26.3
## [23701]
           27.2
                  27.4
                        27.0
                              25.9
                                    23.8
                                          21.0
                                                19.1 18.6
                                                            18.0
                                                                  17.0 16.5
                                                                               16.3
                                    15.7
                                                      23.2
## [23713]
            16.3
                  16.2
                        16.2
                              15.8
                                          18.6
                                                21.3
                                                             24.4
                                                                   25.4
                                                                         26.1
                                                                               26.6
                  27.0
                        26.7
                              25.9
                                          20.9
                                                20.2
                                                      19.7
                                                             18.9
                                                                   18.2
## [23725]
            27.1
                                    24.1
                                                                        17.9
                                                                               16.9
## [23737]
                                    14.9
                                                             24.9
                                                                   26.0
            16.3
                  16.0
                        15.9
                              15.7
                                          18.1
                                                21.4
                                                      23.4
                                                                         26.9
                                                                               27.5
            27.9
                  27.9
                        27.6
                                                20.6
                                                      19.7
                                                                   17.5
                                                                               16.3
## [23749]
                              26.8
                                    24.5
                                          21.2
                                                             18.4
                                                                         16.7
## [23761]
            16.1
                  16.0
                        15.7
                              15.6
                                    15.9
                                          18.4
                                                21.2
                                                      23.4
                                                             25.2
                                                                   26.8
                                                                         28.1
                                                                               29.0
## [23773]
                  29.8
                        29.5
                                    25.6
                                          23.4
                                                20.9
                                                      20.4
                                                             20.0
                                                                         18.9
            29.6
                              28.3
                                                                   19.5
                                                                               18.6
                        18.4
## [23785]
            18.5
                  18.3
                              18.5
                                    17.8
                                          19.9
                                                23.6
                                                      26.5
                                                             28.3
                                                                   29.8
                                                                         30.8
                                                                               31.5
                                    26.4
                                                      21.7
## [23797]
            31.7
                  31.5
                        31.1
                              29.8
                                          23.7
                                                22.6
                                                             21.2
                                                                   20.6
                                                                         20.4
                                                                               20.0
## [23809]
            19.6
                  19.4
                        19.4
                              19.2
                                    17.6
                                          20.7
                                                24.4
                                                      26.5
                                                             28.1
                                                                   29.3
                                                                         29.6
                                                                               30.1
## [23821]
            30.4
                  30.3
                        29.8
                              29.0
                                    25.9
                                          22.8
                                               21.7
                                                      21.0 20.5
                                                                 19.9 19.6
## [23833]
            18.9
                  18.5
                        18.3
                              18.2
                                    19.7
                                          21.0
                                                24.2 26.0 27.6 28.5 29.0 29.5
            29.4 28.2 28.0 27.0 24.5 22.5 21.6 21.1 20.2 19.3 18.7 18.2
## [23845]
```

```
## [23857]
           17.8 17.5 16.9 16.3 17.1 18.0 19.1
                                                    20.4 21.6 22.6 23.2
## [23869]
           23.6
                 23.4
                       22.8
                            21.6
                                   19.8
                                        18.4 17.9
                                                    17.4 16.8 16.3 15.7
                                                                            15.3
                                        15.5
                                              17.8 19.6 20.9
## [23881]
           14.6
                 14.2
                       13.7
                             13.6
                                   13.8
                                                                21.9
                                                                      22.8
                                                    17.1 16.5
## [23893]
           22.5
                 22.1
                       21.4
                             20.4
                                   18.7
                                        17.9
                                              17.6
                                                                16.1
                                                                      15.7
                                                                            15.3
## [23905]
           15.3
                 15.1
                       15.1
                             15.1
                                   14.8
                                        16.3
                                              18.5
                                                    20.2
                                                          20.6
                                                                22.0
                                                                      22.6
                                                                            23.0
## [23917]
           23.1
                 23.5
                       22.9
                             21.7
                                   19.9
                                        19.1
                                              18.8 18.5 18.2 17.9 17.7
                                                                            17.5
## [23929]
                       16.8
                             16.4
                                  16.8
                                        17.8
                                              19.5
                                                    20.6 21.4
                                                                22.6
                                                                      23.4
           17.3
                 17.1
                 24.0
                       23.7
                             22.8
                                   21.1
                                        20.0
                                              19.5
                                                    19.0 18.6 18.8 18.8
## [23941]
           24.0
                                                                            18.6
## [23953]
           18.5
                 18.4
                       18.3
                             18.0
                                   17.8
                                        18.6
                                              21.6
                                                    23.2
                                                          25.0
                                                                26.4
                                                                      25.9
                 27.0
                       26.9
                             25.8
                                        23.1
                                              22.3
                                                    21.9
                                                                20.9
                                                                      20.9
## [23965]
           27.8
                                   24.0
                                                          21.2
                                                                            21.1
## [23977]
           20.6
                 20.2
                       21.7
                             21.0
                                   22.3
                                        24.7
                                              25.9
                                                    27.1
                                                          28.2
                                                                29.2
                                                                      29.9
                                              22.6
## [23989]
           29.0
                 28.6
                       27.8
                             26.3
                                   24.2
                                        23.1
                                                    22.1
                                                          21.5
                                                                21.1
                                                                      21.0
                                                                            21.5
## [24001]
           21.5
                 21.1
                       20.5
                             20.2
                                  19.2
                                        21.2
                                              24.6
                                                    26.4
                                                          27.1
                                                                27.3
                                                                      27.1
                                                                            26.8
## [24013]
           26.7
                 26.2
                       25.3
                             23.9
                                   21.7
                                        20.7
                                              20.1
                                                    19.6
                                                          19.2
                                                                19.1
                                                                      19.0
                                                                           18.7
## [24025]
           18.4
                 18.0
                       17.8
                             17.5
                                   17.9
                                        19.4
                                              22.8
                                                    23.7
                                                          25.2
                                                                25.4
                                                                      26.7
                                                                            27.0
## [24037]
           27.2
                 27.2
                       26.5
                             25.2
                                   22.6
                                        20.9
                                              20.4
                                                    20.2
                                                          20.3
                                                                21.0
                                                                      20.3
                                                                            20.0
## [24049]
           20.2
                 19.6
                       19.0
                             19.2
                                   18.8
                                        20.1
                                              23.0
                                                    25.2
                                                          26.7
                                                                28.0
                                                                      29.2
                                                                            29.5
                                                    22.3
## [24061]
           29.2
                 28.5
                       26.7
                             25.1
                                   23.4
                                        22.6
                                              22.5
                                                          20.9
                                                                16.8 17.4
## [24073]
                 16.7
                       16.7
                             16.5
                                   16.9
                                        17.5 17.7
                                                    18.1 19.2
                                                                20.6
                                                                      21.7
           17.1
                                                                            22.2
## [24085]
           22.6
                 22.7
                       22.3
                             21.6
                                   19.9
                                        19.1
                                              18.2
                                                    17.4
                                                          17.0
                                                                16.7
                                                                      16.4
                                                                           15.8
## [24097]
           14.8
                 12.7
                       12.1
                             11.5
                                   11.9
                                        14.1
                                              17.2 18.2 19.1
                                                                19.8
                                                                      20.4 20.9
## [24109]
           21.1
                 21.1
                       20.7
                             19.9
                                   17.3
                                        16.1
                                              15.6
                                                    15.1
                                                          14.9
                                                                14.0 13.5
## [24121]
           12.7
                 12.4
                       12.2
                            12.5
                                  12.8
                                        14.7
                                              17.5 19.2 20.2
                                                                21.0 21.5 21.8
## [24133]
           21.8
                 21.4
                       20.9
                             19.7
                                  17.5
                                        16.4
                                              15.6
                                                    15.0 14.4
                                                                13.8 13.1
                                                                           12.4
           12.0
                      11.3 11.1
                                        13.0 15.8 17.1 18.0 18.7 19.4
## [24145]
                 11.7
                                  11.0
                                                                           19.8
## [24157]
           20.0
                 19.8
                      19.3
                             18.1
                                   16.2
                                        15.2 14.7
                                                    14.0 13.4
                                                               13.1 12.9
## [24169]
           12.8
                 12.5
                      12.3
                             12.1
                                   11.5
                                        13.4
                                              15.9
                                                    17.3 18.5
                                                                19.3
                                                                     19.5
                                                                            19.5
           19.5
                             17.6
                                   15.9
                                        15.2
                                              14.8
                                                    14.4
## [24181]
                 19.4
                       18.7
                                                          14.0 13.7
                                                                      13.3
                                                                            12.9
## [24193]
           12.3
                 11.7
                       11.4
                             11.1
                                   11.3
                                        12.7
                                              15.7
                                                    17.2 18.1 19.0 19.6 19.9
## [24205]
           19.8
                 19.2
                       18.5
                             17.4
                                  15.6
                                        15.0
                                              14.7
                                                    14.6
                                                          14.2
                                                                13.7
                                                                      13.1
                                                                            12.7
                                  12.5
## [24217]
           12.4
                 12.0
                       11.7
                             11.4
                                        14.3
                                              16.6
                                                    17.2
                                                          18.2
                                                                18.4
                                                                      18.1
                                                                            18.4
## [24229]
           18.9
                 19.7
                       19.1
                             18.2
                                   17.0
                                        16.4
                                              16.0
                                                    15.5
                                                          15.4
                                                                15.2
                                                                      15.0
                                                                            14.6
## [24241]
           14.3
                 14.4
                       13.7
                             13.1
                                   12.9
                                        13.3
                                              14.8
                                                    16.3
                                                          17.8
                                                                19.0
                                                                      18.5
                                                                            18.3
## [24253]
           18.7
                 18.1
                       17.9
                             17.0
                                   15.0
                                        14.1
                                              13.0
                                                    12.3
                                                          12.2
                                                                11.9
                                                                      11.4
                                                                            10.3
## [24265]
            9.6
                  8.9
                        8.0
                              7.3
                                    5.9
                                         6.3
                                               7.9
                                                     9.5
                                                          11.6
                                                                13.2
                                                                      14.6
                                                                            15.2
## [24277]
           15.0
                 14.7
                       13.5
                             12.2
                                   10.5
                                        10.8
                                              10.5
                                                     9.5
                                                           8.1
                                                                 7.7
                                                                       7.1
                                                                             6.7
## [24289]
            6.6
                  7.6
                        7.4
                              6.3
                                    4.5
                                         6.1
                                               8.4
                                                    10.3
                                                          12.1
                                                                13.5
                                                                     14.6
## [24301]
           15.7
                 15.8
                       15.2
                             13.5
                                   11.1
                                        10.6 10.6
                                                    10.7
                                                          10.8 11.0 11.2
                                                                           11.3
## [24313]
           10.9
                 10.9
                       10.7
                             10.7
                                   10.0
                                        10.6
                                              12.3
                                                    13.9 14.9 14.7
                                                                      16.5
                                                                            16.6
## [24325]
           16.9
                 16.8
                      16.9
                             15.7
                                   13.8
                                        13.4 13.0 12.5 12.0 11.7
                                                                      11.3
                                                                            11.1
## [24337]
                 10.5
                       10.4
                             10.3
                                   9.8
                                        10.3 13.8 16.1 17.5
                                                               18.6
           10.8
                                                                      18.9
## [24349]
           19.7
                 19.5
                      18.6
                            18.4
                                  17.1
                                        16.0 16.0 16.1 15.8 14.7
                                                                      14.7
                                                                            14.5
## [24361]
                             14.2
                                  12.7
                                        13.2 14.0 14.8 16.0 15.6
           14.7
                 14.8
                       14.5
                                                                     14.7
                                                                            14.5
                 16.0
                                  15.5
                                        15.5
                                              15.3 15.3 15.3 15.3 15.2
## [24373]
           15.3
                       16.2
                            15.8
                                                                           15.3
## [24385]
                                   15.2
           15.3
                 15.2
                       15.2
                             15.2
                                        15.3
                                              15.7
                                                    16.2 17.0 17.9
                                                                     17.8
                 17.9
                       17.7
                                        17.3
                                              17.1
                                                    17.1
                                                          17.1
                                                                17.0
## [24397]
           17.9
                             17.8
                                   17.2
                                                                     17.1
                                                                            17.0
## [24409]
           17.1
                 16.5
                       16.4
                             16.0
                                   16.4
                                        15.9
                                              16.4
                                                    16.9
                                                          18.9
                                                                18.8
                                                                      22.0
                                                                            22.5
## [24421]
           20.0
                 20.9
                             17.8
                                   17.0
                                        16.7
                                              16.5
                                                    16.7
                                                          16.5
                                                                16.4 16.3
                       19.3
                                                                           16.2
## [24433]
           16.1
                 16.1
                       16.1
                             16.0
                                   13.2
                                        14.2
                                              15.3
                                                    16.3 17.7
                                                                18.4 19.1 18.7
## [24445]
           18.2
                 17.3
                       16.5
                             16.3
                                   15.7
                                        15.6
                                              15.5
                                                    15.4
                                                          15.4
                                                                15.4
                                                                      15.3
                                                                            15.3
## [24457]
           15.2
                 15.2
                       15.3
                             15.3
                                   14.2
                                        14.6 16.3
                                                    17.8 19.6
                                                                20.7
                                                                      20.2
                                                                            20.2
## [24469]
           19.6
                 19.1
                       19.4
                             18.6
                                  17.4
                                        17.2 16.7
                                                    16.6 16.9 16.0 16.2 16.5
## [24481]
           16.4 16.2 15.7
                             15.5
                                  14.5 15.0 17.9
                                                    20.7 22.2 22.0 22.1
                                                                           21.7
           21.4 21.2 20.7 20.1 18.0 17.4 16.9 16.0 15.9 16.5 16.4 16.3
## [24493]
```

```
## [24505]
           16.3 15.9 15.4 15.4 15.5 15.8 16.5 16.9 16.9 16.4 16.4
## [24517]
           16.6
                 17.2
                       16.4
                             16.3
                                   16.4
                                        16.3 16.3
                                                    16.1 16.0 16.0 15.9
                                                                            16.0
                                   16.3
## [24529]
           16.1
                 15.6
                       15.9
                             16.1
                                        17.6 20.2
                                                    21.4
                                                          22.1
                                                                22.6
                                                                      23.0
                                        18.3
                                                                17.7
## [24541]
           22.6
                 22.2
                       21.6
                             20.3
                                   19.0
                                              17.8 17.5
                                                          17.2
                                                                      17.6
                                                                           17.8
## [24553]
           16.7
                 16.2
                       16.7
                             16.0
                                   14.9
                                         17.3
                                              17.7
                                                    17.5
                                                          17.6
                                                                18.0
                                                                      18.4
## [24565]
           18.9
                 19.5
                      19.1
                             18.1
                                   17.0
                                        16.6 16.6 16.8 16.9 17.2 17.4 17.4
                       16.4
                            15.9
                                   15.7
                                        16.2 19.0
                                                    20.8
                                                          21.7
                                                                22.5
## [24577]
           17.0
                 16.6
## [24589]
           22.8
                 22.4
                       21.5
                                   18.0
                                        17.3
                                              18.2 16.3 15.4 15.0 14.8
                             20.1
                                                                           14.2
## [24601]
           13.9
                 13.5
                       13.2
                             12.7
                                   10.9
                                        10.9
                                              12.3
                                                    13.2 14.0
                                                                14.8 15.4
                                                                            15.6
                                        11.8 11.2 10.6 10.0
                                                                 9.6
## [24613]
           15.6
                 15.2
                       14.3
                             13.0
                                   12.2
                                                                       9.3
                                                                            10.1
## [24625]
           10.4
                  9.9
                        9.3
                              8.6
                                   8.7
                                          9.0
                                              10.7
                                                    12.7
                                                          14.4 15.5 16.1
## [24637]
           17.3
                 16.8
                       15.8
                             14.4
                                   13.1
                                        12.7
                                              12.0
                                                    11.4
                                                          10.8 10.5
                                                                      11.5
                                                                            11.4
## [24649]
           11.4
                 11.1
                        9.8
                              9.4
                                   12.0
                                         12.2
                                              13.4
                                                    14.3
                                                          15.4
                                                                15.8 16.8
                                                                            17.1
## [24661]
           17.2
                 16.9
                       16.4
                             15.0
                                        12.6 12.3 12.0
                                   13.3
                                                          11.7
                                                                11.4 11.8
## [24673]
           11.5
                 11.5
                       11.4
                             11.4
                                   11.4
                                        11.4
                                              13.4
                                                    15.2
                                                          16.8
                                                                18.1
                                                                      19.4
                                                                            19.7
## [24685]
           19.3
                 19.5
                       18.4
                             16.9
                                   16.3
                                         15.4
                                              15.7
                                                    15.8
                                                          15.6
                                                                15.3
                                                                      14.5
                                                                            13.7
## [24697]
                 12.8
                       13.7
                             13.7
                                   15.3
                                         16.4 18.3
                                                    19.1
                                                          21.3
                                                                20.5
                                                                      20.7
                                                                            22.3
           12.8
## [24709]
           22.1
                 22.1
                       21.5
                             19.8
                                   17.9
                                         18.4 17.9
                                                    17.6
                                                          17.4
                                                                17.3
                                                                      17.3
                 16.9
## [24721]
                       16.3
                             16.3
                                   15.7
                                         15.6
                                              16.2 16.5
                                                          16.7
                                                                16.8 16.2 16.2
           17.1
## [24733]
           17.4
                 16.3
                       16.0
                             15.5
                                   15.2
                                         14.9
                                              14.6
                                                    14.4
                                                          14.3
                                                                13.9
                                                                      13.4
                                                                            13.5
## [24745]
           13.5
                 13.2
                       12.5
                             12.3
                                   12.1
                                         12.0
                                              12.1
                                                    12.2
                                                          12.2
                                                                12.2
                                                                      12.1
                                                                            11.2
## [24757]
            9.9
                  8.7
                        7.8
                              7.0
                                    6.4
                                          6.5
                                               6.6
                                                     6.5
                                                           6.0
                                                                 5.8
                                                                       5.4
## [24769]
            5.2
                  5.3
                              5.2
                                    4.6
                                          4.4
                                                     6.6
                                                           8.1
                                                                 9.3 10.6
                        5.1
                                               5.2
                                                                            11.4
## [24781]
           11.9
                 11.9
                              9.9
                                          7.2
                                               6.5
                                                           6.0
                                                                 5.1
                                                                       4.3
                       11.5
                                    8.1
                                                     6.0
                                                                             3.9
                                    2.3
                                               5.9
                                                          10.0
                                                                           12.0
## [24793]
            3.7
                  3.5
                        3.4
                              3.0
                                          2.8
                                                     8.5
                                                                11.0 11.6
## [24805]
           11.9
                 11.6
                       10.9
                              9.5
                                    8.8
                                          8.4
                                               8.3
                                                     8.2
                                                           7.8
                                                                 7.3
                                                                       7.3
                                                                             7.0
## [24817]
            6.8
                  6.5
                        6.5
                              7.0
                                    7.3
                                          7.6
                                               9.2
                                                    11.0
                                                          12.0
                                                                13.0 13.8
                                                                            14.1
## [24829]
           14.3
                 14.2
                                   10.8
                                               9.7
                                                     9.5
                                                                      10.3
                       13.6
                             12.0
                                         10.2
                                                           9.8
                                                                 9.2
                                                                            10.3
## [24841]
           10.3
                 10.1
                       10.1
                             10.0
                                    9.8
                                        10.3
                                              11.5
                                                    12.6
                                                          14.0
                                                                15.3 16.3
                                                                           16.9
## [24853]
           17.0
                 16.8
                       15.9
                             13.8
                                   12.3
                                         11.8
                                              11.2
                                                    10.7
                                                          10.3
                                                                10.5 11.0
                                                                            10.8
## [24865]
           10.4
                 10.1
                        9.9
                              9.9
                                    9.9
                                          9.9
                                              11.5
                                                    12.8 14.1
                                                                15.5
                                                                      16.6
                                                                            17.3
## [24877]
           17.8
                 17.8
                       16.9
                             14.4
                                   12.4
                                        11.8 11.5
                                                    11.4 11.1
                                                                11.0
                                                                      10.9
                                                                            10.6
## [24889]
           10.3
                 10.0
                        9.6
                              9.1
                                   10.3
                                        10.6 12.1
                                                    14.8 16.7
                                                                18.3
                                                                      19.6
                                                                            20.3
                      19.8
## [24901]
           20.7
                 20.5
                            17.4
                                   15.6
                                        14.5 13.8
                                                    13.7
                                                          13.5 13.1 12.7
                                                                            12.3
## [24913]
           11.9
                 11.7
                       11.5
                             11.9
                                   11.7
                                         11.3
                                              13.0
                                                    15.8
                                                          18.0 19.4
                                                                      20.3
                                                                            20.7
## [24925]
           20.3
                 19.8
                      18.6
                            16.0
                                   14.5
                                        13.9 13.4 13.0 12.8 12.5 12.5
                                                                            12.4
## [24937]
           12.3
                 12.1
                       12.0
                             11.9
                                   11.0
                                        11.2 13.9
                                                    17.2 19.1 20.8 21.8
## [24949]
           22.7
                 22.3
                       20.8
                             17.6
                                   16.2
                                        15.6 15.6 15.3 14.4 14.1 14.1
                                                                            13.8
## [24961]
           13.4
                 12.9
                       12.7
                             12.6
                                   13.6
                                        13.1
                                              15.2
                                                    18.1
                                                          20.3
                                                                21.7
                                                                      22.7
                                                                            23.3
## [24973]
           23.3
                 22.8 21.7
                             18.9
                                   17.8
                                        17.1
                                              16.8 16.2 15.7 15.5 14.7
                                                                            13.8
## [24985]
                       12.8
                            12.5
                                   13.3
                                        12.8 14.4 17.2 19.3
                                                                20.8
           13.5
                 13.1
                                                                      21.8
## [24997]
           21.3
                 20.5
                       19.3
                            16.9
                                   15.3
                                        14.6 14.6 14.3 13.9 13.9 13.9
                                                                           13.6
## [25009]
                             12.6
                                   13.8
                                        13.7
                                              16.5
                                                    18.5
           13.2
                 13.0
                       13.0
                                                          19.2
                                                                19.8
                                                                      21.5
                                                                            22.1
## [25021]
                       20.7
                             19.0
                                        17.9
                                                                17.6 17.6
           22.3
                 21.8
                                   18.1
                                              17.7
                                                    17.6 17.5
                                                                           17.5
## [25033]
                                   18.3
                                        18.2
                                              19.5
                                                    20.7
           17.3
                 17.2
                       17.0
                             16.8
                                                          21.6
                                                                21.8
                                                                      22.1
                                                    18.0 17.8
                                                                17.7 17.5
                                                                            17.5
## [25045]
           22.0
                 21.7
                       21.0
                             19.6
                                   18.9
                                         18.5
                                              18.2
## [25057]
           17.4
                 17.4
                       17.4
                             17.4
                                   17.7
                                         17.5
                                              18.5
                                                    20.1 21.3
                                                                22.2
                                                                      22.9
                                                                            23.0
## [25069]
                       21.1
                                   19.0
                                         18.6 18.3 18.2 18.1
                                                                17.8 17.6
                                                                           17.3
           22.8
                 22.1
                             19.7
## [25081]
           17.2
                 17.0
                       16.8
                             16.3
                                   16.9
                                         16.7
                                              17.9 19.6 21.1
                                                                22.1
                                                                      22.7
                                                                            22.9
## [25093]
           22.9
                 22.7
                       21.9
                             19.9
                                   19.2
                                         18.6
                                              17.0
                                                    16.3 15.6
                                                                15.9
                                                                     15.8 15.0
## [25105]
           14.9
                 14.5
                       14.3
                             14.0
                                   14.8
                                        15.2 15.6 17.6 18.5 21.4 21.1
                                                                            21.5
## [25117]
           20.6 20.1 20.2
                            18.2 17.5
                                        17.2 16.7
                                                    16.1 15.8 15.1 14.5
## [25129]
           15.1 15.1 15.3 15.4 14.0
                                        14.0 15.5 18.4 20.3 21.5 22.3 22.9
## [25141]
           23.4 23.1 21.5 18.6 17.3 16.7 16.2 16.0 15.0 14.7 15.0 15.1
```

```
## [25153]
            15.1 15.9 16.8 16.6 13.3 13.2 15.9 18.9 21.0 22.3
                                                                          23.2
## [25165]
            23.2
                  22.7
                        21.8
                              20.0
                                     19.4
                                           18.8
                                                 18.1
                                                       17.2 16.8 16.5
                                                                          15.7
                                                                                15.3
                                     13.6
                                                 15.9
                                                       19.0
## [25177]
            14.9
                  14.6
                        14.4
                              14.4
                                           13.7
                                                              21.2
                                                                    22.9
                                                                          23.8
                        22.9
                                           18.5
                                                 17.5
                                                             15.6
                                                                    14.9
## [25189]
            24.4
                  24.2
                               20.5
                                     19.2
                                                       16.6
                                                                          14.6
                                                                                14.5
## [25201]
            14.2
                  14.2
                        14.2
                              14.0
                                     15.0
                                           14.7
                                                 16.0
                                                       18.3
                                                              20.1
                                                                    21.4
                                                                          22.1
## [25213]
            22.3
                  21.5
                        20.0
                              17.5
                                     17.4
                                           17.2 16.8 16.9
                                                              16.6 16.6 16.2
                                                                               15.9
                              15.3
                                     13.7
                                           13.7
                                                 15.3
                                                       17.9
                                                              19.7
                                                                    20.9
                                                                          21.4
## [25225]
            15.9
                  15.6
                        15.4
## [25237]
            20.7
                  20.8
                        19.9
                                                       14.8
                                                             14.2
                                                                    13.8 15.0
                              17.9
                                     17.0
                                           16.1
                                                 15.5
                                                                                14.6
  [25249]
            15.3
                  15.8
                        15.8
                              15.4
                                     16.3
                                           16.4
                                                 16.5
                                                       16.4
                                                             17.0 19.0
                                                                          19.6
                                                                                19.7
                              16.5
  [25261]
            19.6
                  19.1
                        18.1
                                     15.1
                                           14.4
                                                14.1
                                                       13.6
                                                             13.1
                                                                    12.7
                                                                          12.5
                                                                                12.2
  [25273]
            11.9
                  11.8
                        12.0
                               12.1
                                     12.6
                                           12.5
                                                 13.2
                                                       15.8
                                                              18.2
                                                                    19.7
                                                                          20.7
                                                                                21.2
## [25285]
                  20.2
                        18.9
                              17.6
                                     16.4
                                           15.8
                                                 15.2
                                                       14.9
                                                              14.7
                                                                    14.4
                                                                          14.4
            21.1
                                                                                14.3
## [25297]
            14.0
                  13.8
                        13.6
                              13.0
                                     12.7
                                           12.6
                                                 13.2
                                                       15.5
                                                              17.5
                                                                    18.8
                                                                          19.5
                                                                                19.8
## [25309]
            19.8
                        18.2
                                           13.9
                                                       13.6
                                                              13.5
                  19.3
                              15.8
                                     14.6
                                                 13.9
                                                                    13.3
                                                                          13.0
                                                                                12.8
  [25321]
            12.5
                  12.3
                        12.0
                               11.7
                                     12.5
                                           12.5
                                                 13.0
                                                       13.8
                                                              15.7
                                                                    17.6
                                                                          18.4
                                                                                18.9
  [25333]
            19.0
                  18.7
                        17.8
                               16.0
                                     14.5
                                           13.3
                                                 12.9
                                                       12.5
                                                              12.1
                                                                    11.7
                                                                          11.0
                                                                                10.3
  [25345]
            10.0
                   9.6
                         9.6
                               9.6
                                      9.2
                                            9.2
                                                 11.1
                                                       14.0
                                                              16.3
                                                                    17.9
                                                                          18.8
                                                                                19.5
##
  [25357]
            18.8
                  18.9
                        18.5
                              16.0
                                     14.6
                                           13.8
                                                 14.5
                                                       13.6
                                                              13.2
                                                                    13.5
                                                                          12.8
                  14.4
                        14.9
                                                       17.9
## [25369]
            13.8
                              15.1
                                     15.5
                                           15.5
                                                 16.4
                                                              18.9
                                                                    19.7
                                                                          20.6
                                                                                21.2
## [25381]
            21.2
                  20.9
                        19.9
                               18.8
                                     17.8
                                           17.3
                                                 17.0
                                                       16.6
                                                              15.9
                                                                    15.1
                                                                          14.4
                                                                                14.1
## [25393]
            14.0
                  13.6
                        13.7
                               13.5
                                     14.2
                                           14.1
                                                 14.9
                                                       16.1
                                                              15.9
                                                                    17.6 17.7
                                                                                17.8
## [25405]
            17.6
                  17.1
                        16.3
                               15.0
                                     14.4
                                           14.1
                                                 14.0
                                                       13.3
                                                              13.7
                                                                    14.6
                                                                         14.5
## [25417]
            14.9
                  14.1
                        13.9
                              13.9
                                     15.0
                                           14.5
                                                 14.6
                                                       15.2 16.1
                                                                    16.4 15.5
                                                                                15.4
  [25429]
            16.2
                  15.9
                        15.1
                              13.7
                                     13.0
                                           12.6
                                                 12.2
                                                       11.9
                                                              11.3
                                                                    12.6
                                                                          13.2
                                                                                14.2
                                                       16.2 16.8
                                                                    16.7
## [25441]
            14.3
                  13.0
                        13.3
                              12.0
                                     10.6
                                           11.5
                                                 13.6
                                                                          16.8
                                                                                16.3
  [25453]
            16.5
                  16.4
                        15.7
                               15.5
                                     15.9
                                           16.3
                                                 16.5
                                                       16.6
                                                              16.8
                                                                    16.8
                                                                          16.8
  [25465]
            17.0
                  17.1
                        17.0
                              16.9
                                     18.0
                                           17.9
                                                 18.2
                                                       18.6
                                                              18.3
                                                                    18.5
                                                                          18.4
                                                                                19.3
  [25477]
            20.5
                        19.7
                               18.7
                                                 17.8
                                                       17.8
                                                              17.8
                  19.9
                                     18.4
                                           18.1
                                                                    17.7
                                                                          17.4
                                                                                17.4
## [25489]
                                                                          21.2
            17.3
                  17.2
                        16.2
                              16.1
                                     13.3
                                          13.2
                                                 13.5
                                                       17.7
                                                              19.8
                                                                    20.6
                                                                                21.7
  [25501]
            21.9
                  21.5
                        20.8
                               19.1
                                     19.1
                                           19.0
                                                 19.3
                                                       19.3
                                                              18.9
                                                                    18.9
                                                                          18.8
                                                                                18.5
  [25513]
            18.2
                  18.4
                        17.8
                              17.4
                                     17.0
                                           16.9
                                                 17.5
                                                       19.0
                                                              20.1
                                                                    21.0
                                                                          21.5
                                                                                21.5
##
  [25525]
            21.7
                  21.1
                        20.3
                              19.2
                                     18.6
                                           18.2
                                                 17.9
                                                       17.9
                                                              17.8
                                                                    18.2 18.3
                                                                                18.2
  [25537]
            18.1
                  17.9
                        17.5
                               17.4
                                     17.5
                                           17.5
                                                 17.6
                                                       18.2
                                                              18.9
                                                                    20.1
                                                                          20.5
                                                                                20.7
  [25549]
            20.8
                  20.3
                        19.4
                               18.2
                                     17.2
                                           16.9
                                                 16.7
                                                       16.7
                                                              17.1
                                                                    17.1
                                                                          17.2
                                                                               16.9
  [25561]
            16.6
                  16.5
                        16.7
                               16.7
                                     17.3
                                           17.1
                                                 17.3
                                                       18.5
                                                              19.6
                                                                    20.6
                                                                          21.2
                                                                                21.8
## [25573]
            22.0
                  21.6
                        20.6
                              19.1
                                     18.7
                                           18.8
                                                 18.7
                                                       18.4
                                                             18.3
                                                                    18.4 18.4
                                                                                18.2
## [25585]
            18.1
                  17.8
                        17.6
                              17.3
                                     17.9
                                           17.7
                                                 18.0
                                                       19.6
                                                             21.1
                                                                    22.1
                                                                          22.9
                                                                                23.3
  [25597]
            23.3
                  22.9
                        21.6
                               20.0
                                     19.4
                                           19.0
                                                 18.5
                                                       18.2 17.9
                                                                    18.2 18.6
                                                                                18.8
  [25609]
            18.3
                  17.5
                        17.3
                               17.9
                                     17.0
                                           17.0
                                                 17.9
                                                       19.7
                                                              21.1
                                                                    22.2
                                                                          22.8
                                                                                22.9
            22.7
                  22.1
  [25621]
                        21.0
                              19.3
                                     18.6
                                           18.7
                                                 17.8
                                                       17.4
                                                             16.9
                                                                    16.6 16.3
                                                                                15.6
##
                  14.9
                                                 16.3
                                                       17.9
                        15.1
                              15.1
                                     16.3
                                           15.8
                                                              19.6
                                                                    20.8
  [25633]
            15.0
                                                                          21.2
  [25645]
            21.4
                  20.8
                        19.7
                               18.3
                                     17.6
                                           17.5
                                                 17.7
                                                       17.6
                                                              16.5
                                                                    15.3
                                                                          14.5
                                                                                13.8
  [25657]
            13.4
                  12.4
                        11.9
                               12.2
                                     10.7
                                            9.7
                                                  8.9
                                                        8.5
                                                               8.3
                                                                     8.6
                                                                           8.7
                                                                                 8.3
  [25669]
             8.9
                                                         5.0
##
                   8.8
                         8.3
                               7.6
                                      6.5
                                            5.9
                                                  5.4
                                                               4.4
                                                                     3.8
                                                                           3.3
                                                                                 2.9
  [25681]
             2.3
                   1.8
                         1.6
                                1.4
                                      4.5
                                            4.6
                                                  5.5
                                                         7.2
                                                               8.1
                                                                     9.2
                                                                           9.9
                                                                                10.5
                                7.6
  [25693]
            10.8
                  10.5
                         9.6
                                      6.7
                                            6.6
                                                  6.9
                                                         6.6
                                                               6.4
                                                                     6.1
                                                                           5.9
                                                                                 5.7
##
  [25705]
             5.7
                   5.6
                         5.6
                                5.7
                                      6.5
                                            6.4
                                                  6.8
                                                         8.8
                                                              11.2
                                                                    12.5
                                                                          13.6
                                                                                14.2
  [25717]
                                                  9.6
                                                        9.4
                                                                           9.0
                                                                                 8.8
            14.4
                  14.1
                        13.3
                               11.1
                                     10.4
                                           10.0
                                                               9.3
                                                                     9.1
  [25729]
             8.7
                   8.6
                         8.5
                                8.5
                                      9.9
                                           10.0
                                                 10.3
                                                       12.1
                                                              15.2
                                                                    17.0
                                                                          18.2
                                                                                18.6
## [25741]
            18.6
                  18.0
                        17.0
                               15.1
                                     14.1
                                           13.1
                                                 12.5
                                                       12.1
                                                              12.1
                                                                    13.4
                                                                          13.4
                                                                                13.7
## [25753]
            12.8
                  13.8
                        14.0
                               14.2
                                     14.4
                                           14.8
                                                 15.4
                                                       16.9
                                                              18.0
                                                                    18.9
                                                                          19.8
                                                                                20.2
## [25765]
            19.9
                  19.7
                        18.9
                               17.2
                                     16.2
                                           15.6
                                                 15.5
                                                       15.2
                                                              15.3
                                                                    15.6
                                                                          15.7
                                                                                15.6
## [25777]
            15.5
                  15.4
                        15.5
                                5.4
                                      8.2
                                            6.6
                                                  3.9
                                                        2.9
                                                               2.6
                                                                     2.7
                                                                           3.2
                                                                                 3.8
## [25789]
             2.6
                   2.9
                         3.4
                                3.5
                                      3.6
                                            3.0
                                                  2.9
                                                         2.2
                                                               1.5
                                                                     1.1
                                                                           1.0
                                                                                 0.6
```

```
## [25801]
              0.0
                    -0.1
                           -0.2
                                 -0.4
                                          0.4
                                                0.3
                                                       0.2
                                                              0.1
                                                                     0.8
                                                                            1.6
                                                                                  1.9
                                                                                         2.7
   [25813]
              2.8
                     2.7
                            2.4
                                                             -0.6
                                                                    -0.9
                                                                                 -1.3
                                                                                        -1.5
                                   1.7
                                          1.2
                                                0.7
                                                       0.1
                                                                          -1.2
   [25825]
             -1.7
                    -1.9
                           -2.3
                                  -2.6
                                         -2.7
                                               -2.9
                                                      -2.1
                                                             -0.4
                                                                     1.0
                                                                            2.4
                                                                                  3.5
                                                                                         4.1
   [25837]
              4.4
                     4.2
                            3.5
                                   1.7
                                                0.5
                                                       0.0
                                                              0.3
                                                                     0.4
                                                                            0.1
                                                                                  0.4
                                                                                         0.1
##
                                          1.1
##
   [25849]
              0.2
                     0.4
                            0.6
                                   1.6
                                          0.9
                                                1.4
                                                       2.1
                                                              4.8
                                                                     7.0
                                                                            7.7
                                                                                  6.8
                                                                                         6.0
   [25861]
              3.9
                     3.4
                                   3.6
                                          3.0
                                                       3.6
                                                              3.4
                                                                     2.4
                                                                                  2.1
                                                                                         2.3
##
                            2.7
                                                2.7
                                                                            2.6
   [25873]
              2.2
                     2.0
                                                              3.0
                                                                            5.1
                            1.7
                                   1.5
                                          0.5
                                                0.5
                                                       1.2
                                                                     4.3
                                                                                  5.6
                                                                                         5.9
   [25885]
                                                                     4.3
##
              6.1
                     5.8
                            5.2
                                   3.8
                                          4.1
                                                4.1
                                                       3.9
                                                              4.3
                                                                            4.1
                                                                                  4.0
                                                                                         4.2
   [25897]
##
              4.1
                     3.3
                            2.4
                                   1.1
                                          3.6
                                                2.7
                                                       1.5
                                                              0.9
                                                                     0.7
                                                                          -0.1
                                                                                 -0.3
                                                                                        -0.7
   [25909]
             -0.4
                                                             -0.3
                                                                    -0.8
                                                                          -0.8
                                                                                 -1.0
                                                                                        -1.2
##
                    -0.2
                           -0.6
                                  -1.0
                                        -1.1
                                               -1.0
                                                      -0.7
   [25921]
             -0.7
                    -1.0
                           -0.8
                                  -0.9
                                          1.9
                                                2.8
                                                       3.3
                                                              3.9
                                                                     4.2
                                                                            5.0
                                                                                  5.5
                                                                                         5.2
   [25933]
              2.1
                            0.5
                                   0.5
                                          0.2
                                                0.3
                                                       0.2
                                                              0.0
                                                                    -0.2
                                                                          -0.3
                                                                                 -0.5
                                                                                        -1.3
##
                     1.1
##
   [25945]
             -1.8
                    -1.8
                           -1.6
                                  -1.3
                                         -0.6
                                               -0.3
                                                       0.1
                                                              0.5
                                                                     0.9
                                                                            1.6
                                                                                  2.0
                                                                                         2.4
              2.8
   [25957]
                     3.3
                            3.7
                                   2.9
                                          3.5
                                                                            5.7
                                                                                         4.9
##
                                                4.5
                                                       5.5
                                                              5.9
                                                                     5.7
                                                                                  5.7
   [25969]
                     5.4
                            4.8
                                   3.6
                                          3.3
                                                3.6
                                                       4.5
                                                              7.4
                                                                     9.0
                                                                          10.5
                                                                                 11.2
                                                                                        11.7
              5.4
   [25981]
             12.1
                    11.8
                           11.2
                                  10.3
                                        10.3
                                               10.4
                                                      10.7
                                                             11.2
                                                                    11.0
                                                                          11.2
                                                                                 10.6
                                                                                        11.7
   [25993]
                           12.6
                                  12.7
                                               11.4
                                                      12.3
                                                             13.8
                                                                    14.8
                                                                                 10.6
                                                                                        10.8
##
             11.1
                    12.0
                                        11.7
                                                                            8.5
   [26005]
             11.2
                    10.5
                            9.0
                                   8.4
                                          8.1
                                                7.7
                                                       6.9
                                                              6.7
                                                                     6.7
                                                                            6.6
                                                                                  6.3
                                                                                         7.0
                                                             10.1
   [26017]
              7.1
                     7.2
                            6.5
                                   7.8
                                         7.8
                                                8.3
                                                       8.9
                                                                    11.7
                                                                          16.3
                                                                                        17.8
##
                                                                                 17.3
##
   [26029]
             17.9
                    17.2
                           16.7
                                  15.6
                                        14.9
                                               14.2
                                                      14.2
                                                             14.0
                                                                    14.0
                                                                          14.5
                                                                                 14.3
                                                                                        14.4
                                  13.3
                                                                                 18.1
##
   [26041]
             14.6
                    14.1
                           13.6
                                        14.6
                                               14.3
                                                      14.7
                                                             15.8
                                                                    16.9
                                                                          17.6
                                                                                        18.2
   [26053]
             18.1
                    17.9
                           17.0
                                  15.4
                                        14.7
                                               14.4
                                                      14.1
                                                             14.0
                                                                    13.7
                                                                          13.3
                                                                                 13.0
             13.1
   [26065]
                    13.8
                           13.6
                                  13.5
                                        12.0
                                               11.9
                                                      12.6
                                                             14.7
                                                                    16.4
                                                                          17.7
                                                                                 18.4
                                                                                        18.7
##
   [26077]
             18.6
                    18.2
                           17.3
                                  14.9
                                        14.2
                                               13.7
                                                      13.0
                                                             12.5
                                                                    12.2
                                                                          11.8
                                                                                 11.4
##
                                                                                        11.2
                                                                                 17.8
   [26089]
                                                      11.0
##
             11.2
                    11.1
                           10.9
                                  10.8
                                        11.7
                                               11.1
                                                            13.4
                                                                    15.8
                                                                          17.1
                                                                                        18.3
   [26101]
             18.4
                    18.0
                           17.2
                                  14.7
                                        13.6
                                               12.8
                                                      12.1
                                                             11.8
                                                                    11.6
                                                                          11.6
                                                                                 11.3
                                                                                        11.3
   [26113]
             11.6
                    11.6
                           11.5
                                  11.1
                                        11.0
                                               11.3
                                                      11.3
                                                             13.7
                                                                    16.1
                                                                          18.0
                                                                                 19.3
                                                                                        20.0
##
                                                      16.6
                                                             16.6
##
   [26125]
             20.0
                    19.6
                           18.3
                                  15.8
                                        14.6
                                               14.9
                                                                    15.7
                                                                          15.7
                                                                                 15.3
                                                                                        15.2
   [26137]
             14.7
                    14.5
                           14.3
                                        14.5
                                               14.4
                                                      14.8
                                                             16.4
                                                                    17.3
                                                                          17.8
                                                                                 17.8
                                                                                        17.8
##
                                  14.1
   [26149]
             18.4
                    17.9
                           17.1
                                  16.0
                                        15.8
                                               15.8
                                                      15.3
                                                             15.2
                                                                    15.2
                                                                          15.5
                                                                                 15.3
                                                                                        15.3
   [26161]
             15.2
                    14.9
                           14.7
                                  13.4
                                        13.5
                                               14.2
                                                      15.2
                                                             16.0
                                                                    16.6
                                                                          16.6
                                                                                 16.4
                                                                                        16.3
##
   [26173]
             16.3
                    17.0
                           16.4
                                  15.3
                                        14.6
                                               14.3
                                                      14.3
                                                             14.9
                                                                    14.8
                                                                          14.7
                                                                                 14.6
                                                                                        14.6
   [26185]
             14.7
                    14.4
                           13.1
                                  13.8
                                        13.4
                                               13.8
                                                      14.2
                                                             15.1
                                                                    15.3
                                                                          15.2
                                                                                 15.1
                                                                                        15.0
   [26197]
                                               13.6
                                                                            8.1
                    14.7
                           14.8
                                        14.0
                                                      12.9
                                                             11.0
                                                                     8.9
                                                                                  7.5
                                                                                         6.8
             14.8
                                  14.2
   [26209]
              6.2
                     5.7
                            5.2
                                   4.6
                                          6.2
                                                5.7
                                                       4.5
                                                              3.4
                                                                     2.8
                                                                            2.9
                                                                                  2.7
                                                                                         3.3
##
  [26221]
              3.2
                     3.3
                                   2.7
                                          2.6
                                                2.4
                                                       2.0
                                                              1.9
                                                                     1.8
                                                                                  1.8
                                                                                         1.7
##
                            3.1
                                                                            1.8
   [26233]
              1.6
                     1.5
                            1.3
                                   1.3
                                          1.8
                                                1.5
                                                       1.6
                                                              2.2
                                                                     2.7
                                                                            3.1
                                                                                  3.5
                                                                                         4.4
   [26245]
              4.8
                     4.6
                            3.9
                                   2.7
                                          2.6
                                                2.3
                                                       1.9
                                                              1.3
                                                                     0.7
                                                                            0.2
                                                                                  0.0
                                                                                         0.0
##
   [26257]
              0.0
                     0.1
                            0.2
                                  -0.1
                                        -0.6
                                               -0.8
                                                      -0.3
                                                              1.6
                                                                     3.1
                                                                            4.1
                                                                                  5.1
                                                                                         5.8
##
   [26269]
              6.1
                     5.8
                            5.0
                                   2.8
                                          2.1
                                                2.3
                                                       1.6
                                                              1.2
                                                                     0.9
                                                                            0.8
                                                                                  0.1
                                                                                         0.0
##
             -0.1
   [26281]
                    -0.1
                           -0.2
                                  -0.2
                                         -0.7
                                               -0.7
                                                              2.7
                                                                            5.5
                                                                                         6.3
                                                       0.0
                                                                     4.4
                                                                                  6.0
   [26293]
              6.3
                     6.0
                            5.2
                                   2.5
                                          1.7
                                                1.8
                                                       2.2
                                                              1.7
                                                                     1.4
                                                                            1.2
                                                                                  1.1
                                                                                         1.0
##
   [26305]
##
              1.0
                     1.0
                            1.0
                                   1.0
                                          2.8
                                                2.8
                                                       3.0
                                                              4.5
                                                                     6.5
                                                                            7.7
                                                                                  8.6
                                                                                         9.3
##
   [26317]
              9.7
                     9.6
                            8.6
                                   6.7
                                          5.9
                                                5.3
                                                       4.8
                                                              4.5
                                                                     4.2
                                                                            4.0
                                                                                  4.1
                                                                                         4.0
   [26329]
              3.9
                                                              7.3
                                                                                 12.2
                     3.9
                            3.9
                                   4.0
                                          3.7
                                                4.4
                                                       4.8
                                                                     9.3
                                                                          11.1
                                                                                        11.4
                                                              7.3
                                                                            7.1
   [26341]
             11.3
                    11.5
                           11.3
                                   9.7
                                          9.0
                                                8.6
                                                       8.4
                                                                     6.9
                                                                                  6.6
                                                                                         6.0
##
##
   [26353]
              6.3
                     6.4
                            6.6
                                   6.6
                                          5.2
                                                5.4
                                                       5.4
                                                              5.9
                                                                     6.3
                                                                            6.6
                                                                                  6.8
                                                                                         6.9
   [26365]
              6.0
                     5.2
                                                       3.6
                                                                            2.5
                                                                                  1.9
                                                                                         1.6
##
                            4.6
                                   4.1
                                          4.0
                                                3.8
                                                              3.4
                                                                     3.1
   [26377]
              1.0
                     0.6
                            0.5
                                   0.9
                                          0.5
                                                0.4
                                                       0.3
                                                              0.8
                                                                     1.5
                                                                            2.7
                                                                                  3.8
                                                                                         4.5
   [26389]
              5.1
                     5.2
                            4.9
                                   3.7
                                          3.2
                                                2.7
                                                       2.1
                                                              1.9
                                                                     1.9
                                                                            2.0
                                                                                  2.0
                                                                                         2.2
## [26401]
              2.2
                     2.2
                            2.2
                                          1.6
                                                2.3
                                                       2.7
                                   2.1
                                                              3.8
                                                                     5.1
                                                                            5.8
                                                                                  6.3
                                                                                         6.0
## [26413]
              6.2
                     6.6
                            6.1
                                   4.8
                                          4.3
                                                4.1
                                                       3.6
                                                              3.2
                                                                     2.8
                                                                            2.3
                                                                                  1.7
                                                                                         1.1
## [26425]
              0.6
                     0.4
                            0.2
                                   0.5
                                          0.3
                                               -0.6
                                                       0.1
                                                              2.0
                                                                     4.0
                                                                            5.3
                                                                                  6.2
                                                                                         6.7
## [26437]
              6.9
                     6.8
                            6.2
                                   3.9
                                          2.9
                                                 2.4
                                                       2.2
                                                              2.0
                                                                     1.2
                                                                            0.8
                                                                                  0.4
                                                                                         0.1
```

```
## [26449]
              0.1
                    -0.1
                            0.1
                                    0.3
                                          0.2
                                                 0.3
                                                        0.5
                                                               1.8
                                                                      3.4
                                                                             5.2
                                                                                    6.4
                                                                                           7.0
              7.2
   [26461]
                     7.0
                                                 2.4
                                                               2.8
                                                                                           1.0
                            6.3
                                   3.8
                                          2.6
                                                        3.1
                                                                      2.1
                                                                             1.6
                                                                                    1.2
   [26473]
              0.7
                      0.5
                            0.3
                                    0.1
                                          2.4
                                                 2.3
                                                        2.6
                                                               4.6
                                                                      7.1
                                                                             8.6
                                                                                    9.9
                                                                                          10.6
                                                                                           4.9
   [26485]
             10.9
                    10.7
                            9.8
                                   6.6
                                          5.4
                                                 5.0
                                                        5.6
                                                               5.2
                                                                      4.9
                                                                             4.7
                                                                                    4.8
##
   [26497]
              4.9
                      4.8
                            4.6
                                   4.7
                                          6.0
                                                 5.9
                                                        6.0
                                                               7.2
                                                                      9.6
                                                                            11.4
                                                                                   12.6
                                                                                          13.3
   [26509]
             13.5
                    13.2
                           12.5
                                  10.6
                                          9.4
                                                 8.6
                                                               7.6
                                                                      7.1
                                                                             6.8
                                                                                    6.5
                                                                                           6.4
##
                                                        8.1
                                                                     10.0
                                                                                   12.8
   [26521]
              6.4
                      6.2
                            5.9
                                    5.5
                                          5.8
                                                 5.4
                                                        5.1
                                                               7.3
                                                                            11.7
                                                                                          13.3
                    12.9
                                          7.5
                                                 7.0
                                                                             6.6
   [26533]
             13.4
                           11.8
                                   8.9
                                                        6.6
                                                               6.4
                                                                      6.7
                                                                                    5.7
                                                                                           5.2
##
   [26545]
              4.9
                      4.7
                            4.8
                                   4.9
                                          6.0
                                                 6.0
                                                        6.2
                                                               8.6
                                                                     10.7
                                                                            12.3
                                                                                   13.7
                                                                                          14.6
                                                               9.4
                                                                      9.1
                                                                                           8.6
##
   [26557]
             15.0
                    14.9
                           14.0
                                  12.1
                                         10.6
                                                 9.9
                                                        9.4
                                                                             8.8
                                                                                    8.7
   [26569]
              8.6
                     8.1
                            7.9
                                   8.2
                                          8.2
                                                 8.2
                                                        8.7
                                                              10.2
                                                                     12.1
                                                                            13.6
                                                                                   14.7
                                                                                          14.9
   [26581]
             14.2
                    14.2
                           14.2
                                  13.0
                                         12.1
                                                11.7
                                                              11.3
                                                                     11.1
                                                                            10.7
                                                                                   10.0
                                                                                           9.5
##
                                                       11.4
##
   [26593]
              8.8
                     8.6
                            8.9
                                   8.2
                                          7.7
                                                 6.8
                                                        6.7
                                                               8.7
                                                                     10.1
                                                                            11.1
                                                                                   11.8
                                                                                          12.5
                                  10.0
   [26605]
                    12.9
                                          8.5
                                                 7.9
                                                                      8.2
                                                                                    7.6
##
             12.9
                           12.3
                                                        7.9
                                                               8.5
                                                                             7.9
                                                                                           7.8
   [26617]
              7.7
                     7.7
                            7.5
                                   7.8
                                          4.7
                                                 4.4
                                                        4.6
                                                               7.1
                                                                     10.0
                                                                            11.2
                                                                                   12.7
                                                                                          13.5
   [26629]
             13.2
                    13.6
                            13.2
                                  11.5
                                         10.3
                                                 9.7
                                                        9.6
                                                               9.5
                                                                      9.4
                                                                             9.0
                                                                                    8.7
                                                                                           8.3
              8.1
                     7.7
                            7.5
                                   7.4
                                          7.1
                                                 6.8
                                                        7.0
                                                               8.4
                                                                     11.3
                                                                            13.2
                                                                                   14.2
                                                                                          15.1
##
   [26641]
   [26653]
             15.4
                    15.2
                           14.5
                                  12.7
                                         11.4
                                                10.7
                                                       10.0
                                                               9.5
                                                                      9.3
                                                                             9.5
                                                                                    9.8
                                                                                          10.4
                                                                      9.4
   [26665]
                           10.5
                                  10.0
                                          9.8
                                                 9.4
                                                        9.3
                                                              10.3
                                                                            10.7
                                                                                   11.8
                                                                                          12.0
             11.1
                    11.3
##
   [26677]
             12.0
                    12.0
                           11.6
                                  10.6
                                          9.4
                                                 8.5
                                                        7.7
                                                               7.1
                                                                      6.5
                                                                             5.8
                                                                                    5.2
                                                                                           4.8
##
   [26689]
              4.4
                      4.0
                            4.0
                                   4.2
                                          4.5
                                                 4.1
                                                        3.4
                                                               4.8
                                                                      6.2
                                                                             7.6
                                                                                    8.5
                                                                                           9.1
   [26701]
              9.2
                      8.7
                            7.7
                                    6.5
                                          5.5
                                                 4.9
                                                        4.3
                                                               3.9
                                                                      3.4
                                                                             3.0
                                                                                    2.7
                                                                                           2.5
                                                                      6.9
   [26713]
              2.2
                      2.6
                                                 4.2
                                                        4.5
                                                                             7.9
                                                                                    8.6
                                                                                           9.0
##
                            2.0
                                    1.5
                                          3.9
                                                               5.8
   [26725]
              9.1
                      8.9
                                                 4.8
                                                               3.5
                                                                      3.2
                                                                             2.9
                                                                                    2.8
                                                                                           2.7
##
                            8.3
                                    6.7
                                          5.3
                                                        4.0
              2.6
                      2.5
                                                                                    9.5
                                                                                          10.1
##
   [26737]
                            2.2
                                    2.0
                                          2.1
                                                 2.0
                                                        2.7
                                                               5.4
                                                                      7.2
                                                                             8.7
   [26749]
             10.4
                    10.2
                            9.3
                                   7.4
                                          5.9
                                                 5.2
                                                        4.5
                                                               4.0
                                                                      3.6
                                                                             3.2
                                                                                    3.0
                                                                                           2.8
   [26761]
              2.4
                      2.1
                            1.9
                                   2.0
                                          2.4
                                                 2.2
                                                        2.9
                                                               6.0
                                                                      8.7
                                                                            10.7
                                                                                   12.4
                                                                                          13.1
##
             13.3
                    13.2
                                          9.9
                                                                                           7.9
##
   [26773]
                           12.6
                                  11.2
                                                 8.8
                                                        8.4
                                                               8.3
                                                                      8.3
                                                                             8.2
                                                                                    8.1
                                          7.5
   [26785]
              7.7
                     7.7
                            7.7
                                   7.8
                                                 7.9
                                                        7.8
                                                              10.7
                                                                     13.2
                                                                            14.4
                                                                                   14.3
                                                                                          14.5
##
   [26797]
             14.3
                    14.5
                           14.2
                                  13.0
                                         12.3
                                                11.5
                                                       11.1
                                                              10.8
                                                                     10.5
                                                                            10.1
                                                                                    9.9
                                                                                           9.5
##
   [26809]
              9.3
                     8.7
                            8.4
                                   8.2
                                          8.3
                                                 7.8
                                                        9.0
                                                              11.4
                                                                     13.9
                                                                            14.3
                                                                                   12.4
                                                                                          13.1
##
   [26821]
             11.8
                    12.1
                           12.9
                                  12.1
                                         11.7
                                                11.5
                                                       10.4
                                                               9.8
                                                                      9.5
                                                                             9.4
                                                                                    9.7
                                                                                          10.5
   [26833]
             11.0
                    11.3
                           10.8
                                  11.1
                                         13.0
                                                13.4
                                                       13.4
                                                              13.4
                                                                     14.4
                                                                            14.7
                                                                                   15.3
                                                                                          15.4
   [26845]
                    15.0
                                  13.3
                                         12.4
                                                12.5
                                                       13.0
                                                              13.2
                                                                     12.8
                                                                            12.5
                                                                                   12.3
                                                                                          12.0
             15.3
                           14.4
   [26857]
             11.7
                    11.1
                           11.0
                                  10.9
                                          7.7
                                                 7.3
                                                        7.4
                                                               9.8
                                                                     11.8
                                                                            12.1
                                                                                   12.4
                                                                                          11.7
                                          6.2
   [26869]
             11.5
                     9.5
                            9.0
                                   7.2
                                                 5.9
                                                        5.0
                                                               4.5
                                                                      4.1
                                                                             4.0
                                                                                    3.9
                                                                                           3.6
##
   [26881]
              2.5
                      1.3
                             1.1
                                    1.2
                                          2.9
                                                 2.8
                                                        3.4
                                                               4.1
                                                                      3.8
                                                                             3.1
                                                                                    2.5
                                                                                           2.8
   [26893]
              2.5
                      2.2
                            1.5
                                   0.8
                                          0.2
                                                 0.1
                                                        0.0
                                                               0.0
                                                                     -0.1
                                                                            -0.3
                                                                                   -0.6
                                                                                          -0.7
##
   [26905]
             -0.5
                    -0.3
                            0.0
                                   0.2
                                         -1.3
                                                -1.3
                                                       -0.9
                                                               0.2
                                                                      1.4
                                                                             2.5
                                                                                    3.5
                                                                                           4.4
##
   [26917]
              4.9
                      5.0
                            4.5
                                    3.6
                                          2.0
                                                 3.3
                                                        1.2
                                                               1.4
                                                                      1.1
                                                                             0.6
                                                                                    0.4
                                                                                           1.3
##
   [26929]
              1.5
                      1.0
                                                               3.8
                                                                      5.5
                                                                             6.7
                                                                                    7.5
                                                                                           8.2
                            0.9
                                    0.7
                                          1.1
                                                 0.9
                                                        1.2
   [26941]
              8.7
                      8.8
                            8.2
                                    6.4
                                          4.3
                                                 2.9
                                                        2.0
                                                               2.1
                                                                      2.2
                                                                             1.3
                                                                                    1.2
                                                                                           1.4
##
   [26953]
##
              1.1
                      1.5
                            2.2
                                    2.1
                                          2.9
                                                 3.4
                                                        4.2
                                                               5.6
                                                                      5.4
                                                                             5.6
                                                                                    6.2
                                                                                           5.6
   [26965]
              5.9
                                                        5.5
##
                      6.4
                            6.7
                                    6.0
                                          5.5
                                                 5.6
                                                               5.3
                                                                      5.3
                                                                             5.3
                                                                                    5.4
                                                                                           5.2
   [26977]
                     4.7
              5.0
                            4.3
                                    3.9
                                          0.7
                                                -0.1
                                                       -0.2
                                                               0.6
                                                                      2.1
                                                                             4.0
                                                                                    5.6
                                                                                           6.4
                                                 2.8
   [26989]
              6.4
                      6.3
                            5.9
                                   5.0
                                          3.5
                                                        3.0
                                                               2.3
                                                                      1.6
                                                                             0.7
                                                                                    0.2
                                                                                          -0.6
##
   [27001]
##
             -1.0
                    -1.8
                           -2.1
                                  -2.4
                                         -3.3
                                                -3.3
                                                       -2.4
                                                              -0.3
                                                                      1.6
                                                                             3.2
                                                                                    4.5
                                                                                           5.2
   [27013]
              5.4
                      5.5
                            5.1
                                    3.7
                                          2.3
                                                 1.7
                                                               0.9
                                                                                    2.2
                                                                                           0.2
                                                        1.1
                                                                      0.9
                                                                             0.7
   [27025]
             -0.9
                    -0.9
                           -1.1
                                  -1.3
                                         -2.2
                                                -2.1
                                                       -0.8
                                                               1.9
                                                                      3.6
                                                                             4.4
                                                                                    4.9
                                                                                           5.1
                                   3.1
                                          2.3
                                                 2.2
   [27037]
              4.9
                     4.7
                            4.3
                                                        1.0
                                                               0.6
                                                                      0.5
                                                                            -0.7
                                                                                   -1.3
                                                                                          -1.6
                                                       -2.5
## [27049]
             -1.7
                           -1.9
                                  -2.0
                                         -3.0
                                                -3.2
                                                              -0.7
                                                                      0.9
                                                                             2.1
                                                                                    3.0
                    -1.7
                                                                                           3.4
                                   2.1
## [27061]
              3.5
                      3.6
                            3.2
                                         -0.4
                                                -0.7
                                                       -0.6
                                                              -0.5
                                                                     -0.5
                                                                            -0.6
                                                                                    1.4
                                                                                           1.0
## [27073]
               1.0
                      0.9
                            0.7
                                   0.5
                                         -2.1
                                                -1.8
                                                       -0.2
                                                               2.4
                                                                      3.7
                                                                             4.7
                                                                                    5.6
                                                                                           5.9
## [27085]
              6.0
                      5.8
                            5.2
                                    3.7
                                          1.5
                                                 0.9
                                                        0.2
                                                               0.1
                                                                      0.3
                                                                             0.4
                                                                                    0.7
                                                                                           0.8
```

##	[27097]	0.7	1.2	1.9	2.1	2.1	2.9	3.5	4.4	5.4	5.8	5.7	6.9
##	[27109]	7.4	7.1	5.9	4.8	4.1	3.7	3.1	2.8	2.4	2.1	1.9	1.0
##	[27121]	0.3	0.2	0.8	1.0	1.4	0.9	0.8	2.1	3.7	5.0	6.2	6.3
##	[27133]	7.1	7.0	6.3	4.8	3.0	1.7	1.0	0.5	-0.2	-0.4	-0.5	-0.5
##	[27145]	-0.8	-0.9	-0.8	-1.2	-0.2	-0.8	0.5	3.4	5.2	6.5	8.0	9.3
##	[27157]	9.9	10.3	10.2	9.3	7.9	6.8	6.1	5.9	5.2	4.3	4.1	4.1
##	[27169]	4.2	4.2	4.0	4.0	5.0	5.0	5.7	8.3	11.4	13.3	14.4	15.1
##	[27181]	15.2	14.7	13.9	12.3	9.6	8.9	8.6	8.4	7.7	7.3	6.4	7.3
##	[27193]	5.6	4.9	4.4	4.3	4.8	4.0	5.3	8.3	10.4	11.6	12.7	13.3
##	[27205]	13.7	13.7	13.0	11.5	8.4	7.6	7.1	6.9	6.7	6.5	6.3	5.9
##	[27217]	5.6	5.4	5.5	5.4	5.6	6.0	6.6	9.7	12.5	14.1	15.2	16.1
##	[27229]	16.5	16.2	15.5	13.4	10.6	9.7	9.2	9.4	9.1	8.6	8.3	7.9
##	[27241]	7.5	7.1	6.7	6.6	7.8	6.9	8.2	10.6	12.5	12.6	13.2	13.8
##	[27253]	13.7	12.3	11.5	10.0	7.8	6.7	5.6	4.9	4.6	4.2	3.9	3.4
##	[27265]	2.7	2.2	1.9	1.9	2.2	1.9	3.6	6.8	8.8	10.0	10.8	11.3
##	[27277]	11.5	10.7	9.8	8.6	6.6	6.2	5.1	4.2	3.3	2.6	2.0	1.3
##	[27289]	1.2	1.1	0.8	0.7	0.7	0.9	2.1	4.8	7.1	9.0	10.3	11.5
##	[27301]	12.2	12.2	11.5	9.7	7.3	6.4	5.6	4.7	4.0	3.4	3.4	3.0
##	[27313]	3.1	3.0	2.5	3.0	4.2	4.6	7.1	10.6	12.3	14.3	15.2	15.6
##	[27325]	15.5	15.0	14.1	12.7	10.8	9.9	9.3	8.7	8.9	8.4	7.7	6.7
##	[27337]	6.2	5.0	3.6	2.7	5.2	4.9	5.9	7.1	7.9	8.7	9.6	9.8
##	[27349]	9.5	9.0	8.5	8.0	7.4	5.7	5.1	4.8	4.3	3.8	3.2	4.7
##	[27361]	4.7	4.7	4.9	5.1	4.2	4.3	5.7	7.8	9.6	11.2	12.6	12.7
##	[27373]	12.5	13.6	13.6	12.7	10.8	9.3	7.9	8.0	7.6	7.1	6.9	6.4
##	[27385]	5.9	5.4	5.1	5.0	3.9	3.7	4.5	5.8	6.5	6.6	6.2	6.3
##	[27397]	6.5	6.2	5.4	4.5	3.6	3.3	2.9	2.8	2.5	2.3	1.9	2.0
##	[27409]	1.7	1.6	1.5	1.3	2.0	1.8	2.5	3.4	4.2	4.7	5.6	6.0
##	[27421]	6.2	6.0	5.6	4.8	3.4	3.4	3.3	3.2	2.9	3.1	2.7	2.1
##	[27433]	1.1	0.5	0.0	-0.7	0.1	0.0	2.3	5.6	8.2	10.2	11.8	12.8
##	[27445]	13.6	13.8	13.0	12.0	9.4	8.8	8.7	9.4	9.8	9.5	9.1	8.9
##	[27457]	8.2	7.9	7.7	8.0	9.2	8.9	9.8	12.3	14.4	15.9	17.2	17.8
##	[27469]	17.2	16.8	15.1	13.3	10.6	10.2	10.1	9.9	10.0	9.9	9.9	10.4
##	[27481]	12.0	9.6	8.7	8.1	8.6	8.6	8.9	10.7	12.9	13.3	14.2	14.7
##	[27493]	14.7	13.5	12.7	12.3	10.9	9.2	8.5	7.6	7.0	6.6	6.1	5.6
##	[27505]	5.2	4.8	4.6	4.5	4.3	3.8	4.3	5.1	6.3	7.1	6.8	7.6
##	[27517]	7.5	7.6	7.1	6.1	4.8	4.3	3.9	3.5	3.2	3.2	3.1	3.0
##	[27529]	2.7	2.6	2.4	2.3	2.9	3.1	4.0	4.8	5.6	6.5	7.1	7.8
	[27541]	7.9	7.9	7.7	7.4	6.5	5.3	4.5	4.1	3.8	3.6	3.6	3.8
	[27553]	3.7	3.6	3.5	2.8	4.7	4.9	5.6	6.2	6.2	6.4	6.7	6.8
	[27565]	7.2	8.2	9.6	10.0	8.7	7.0	6.5	6.3	5.6	5.1	5.0	4.8
	[27577]	4.5	4.4	4.4	4.4	4.8	4.8	5.3	6.1	6.6	6.7	7.5	7.3
##		7.0	6.3	6.8	7.1	6.9	6.7	6.3	5.9	5.6	5.5	5.3	5.0
	[27601]	4.8	4.6	4.5	4.6	4.7	4.2	4.5	4.9	5.5	6.1	6.8	7.4
##	[27613]	7.6	7.6	7.4	7.0	6.0	5.2	4.6	4.2	3.9	3.7	3.6	3.5
##	[27625]	3.2	2.9	2.7	2.5	-0.2	-0.6	-0.2	0.9	1.9	2.6	3.1	3.8
##	[27637]	4.4	4.5	4.2	3.4	1.9	1.2	0.7		0.6	1.2	1.4	1.1
##	[27649]	0.8	0.4	0.1	-0.4		-2.4			1.2	2.8	4.3	5.3
##	[27661]	5.6	5.3	4.8	3.7	1.7	0.6	-0.6		-1.6	-1.6		-1.5
##	[27673]	-1.5	-1.7	-1.9		-2.3	-2.4	-1.2	0.5	2.6	4.4	5.6	5.3
##		5.5	5.8	5.2	4.3	2.9	2.6	2.9	2.1	2.0	1.5	1.5	1.5
##	_	1.3	0.7	0.1	-0.8	-1.2	-0.9	0.6	2.3	3.9	6.0	5.7	6.6
##		6.8	6.5	5.9	4.9	4.0	3.6	3.4	3.1	2.8	2.6	2.5	2.4
##		2.2	2.0	1.6	0.6	1.4	0.9	1.2	2.2	3.4	4.3	5.0	5.3
	[27733]	5.5	5.4	4.8	3.8	2.4	2.4	1.9	1.4	0.5	0.8	0.9	1.0
##	[21133]	0.0	5.4	4.0	5.0	2.4	2.4	1.5	1.4	0.5	0.0	0.5	1.0

```
## [27745]
                     1.1
                            1.3
                                   1.5
                                         1.3
                                                1.3
                                                       1.8
                                                              2.6
                                                                    3.7
                                                                           4.6
                                                                                  5.6
                                                                                         5.6
              1.1
## [27757]
              5.8
                                         4.4
                                                              4.0
                                                                                  3.4
                                                                                         3.2
                     5.7
                            5.7
                                  5.1
                                                4.2
                                                       4.1
                                                                    3.9
                                                                           3.7
## [27769]
              3.1
                     3.0
                            2.9
                                   2.9
                                         3.7
                                                3.4
                                                       3.9
                                                              4.4
                                                                    5.0
                                                                           5.5
                                                                                  6.0
                                                                                         6.3
   [27781]
              7.0
                     7.0
                            6.6
                                  5.5
                                         4.9
                                                4.8
                                                       4.2
                                                              4.5
                                                                    4.4
                                                                           4.4
                                                                                  4.3
                                                                                         4.4
##
## [27793]
              4.3
                     4.1
                            4.0
                                  3.7
                                         3.2
                                                3.3
                                                       4.3
                                                              5.0
                                                                    5.8
                                                                           6.5
                                                                                  7.5
                                                                                        7.8
## [27805]
              8.0
                     7.9
                                  6.4
                                         5.3
                                                4.4
                                                       4.7
                                                                                  3.5
                                                                                         3.5
                            7.3
                                                              4.7
                                                                    4.1
                                                                           3.8
              3.5
                                                2.7
## [27817]
                     3.5
                            3.5
                                   3.2
                                         2.3
                                                       4.4
                                                              5.3
                                                                    6.4
                                                                           7.3
                                                                                  8.0
                                                                                        8.6
## [27829]
              9.0
                     9.1
                            8.6
                                  8.0
                                         6.5
                                                5.6
                                                       5.0
                                                              4.8
                                                                    5.7
                                                                           5.7
                                                                                  5.7
                                                                                        5.7
##
   [27841]
              5.7
                     5.7
                            5.7
                                  5.7
                                         5.5
                                                5.9
                                                       7.4
                                                              8.4
                                                                    9.0
                                                                           9.3
                                                                                 10.7
                                                                                       12.3
##
   [27853]
             12.4
                    13.0
                           11.9
                                   9.8
                                         8.8
                                                7.9
                                                       6.9
                                                              5.6
                                                                    3.9
                                                                           3.7
                                                                                  3.8
                                                                                         3.7
   [27865]
              3.3
                     3.0
                            2.4
                                   1.5
                                         2.4
                                                1.7
                                                       3.2
                                                              4.2
                                                                    5.0
                                                                           5.7
                                                                                  6.0
                                                                                         6.8
   [27877]
              6.9
                     6.5
                                         3.2
                                                2.1
                                                       1.2
                                                              0.8
                                                                    0.8
                                                                           1.3
                                                                                  1.3
                                                                                        0.6
##
                            5.4
                                  4.6
## [27889]
              0.7
                     0.4
                          -0.1
                                  0.1
                                        -0.2
                                                0.3
                                                       1.9
                                                              2.3
                                                                    3.2
                                                                           3.7
                                                                                  4.1
                                                                                         3.6
## [27901]
                            2.6
                                                                          -0.9
              3.2
                     2.9
                                  2.0
                                         1.2
                                                0.6
                                                       0.1
                                                            -0.2
                                                                   -0.7
                                                                                 -1.3
                                                                                       -1.7
## [27913]
             -1.7
                    -1.8
                           -2.0
                                 -2.1
                                        -2.8
                                               -2.9
                                                      -2.0
                                                            -1.0
                                                                    0.2
                                                                           1.6
                                                                                  2.9
                                                                                         3.7
## [27925]
              3.9
                     3.7
                            2.7
                                   2.5
                                         1.7
                                                0.9
                                                       0.6
                                                              0.1
                                                                   -0.1
                                                                          -0.3
                                                                                  0.0
                                                                                         0.1
   [27937]
              0.3
                     0.5
                                                              2.9
                                                                    4.0
                                                                           5.2
                                                                                  6.2
                                                                                        7.0
##
                            0.6
                                  0.7
                                         0.8
                                                0.9
                                                       1.8
   [27949]
              7.6
                     7.9
                            7.7
                                  7.5
                                         7.1
                                                6.9
                                                       6.6
                                                              6.3
                                                                    5.8
                                                                           5.1
                                                                                  5.4
                                                                                         5.2
                                                                          10.1
   [27961]
                     4.8
                                                             7.8
                                                                    9.0
                                                                                       11.8
              5.0
                            4.6
                                  4.5
                                         4.3
                                                4.3
                                                       6.3
                                                                                11.0
  [27973]
             11.7
                    11.3
                           11.0
                                 10.6
                                         9.6
                                                8.4
                                                       7.6
                                                             6.9
                                                                    6.2
                                                                           5.5
                                                                                  5.0
                                                                                        4.6
## [27985]
              4.2
                     4.0
                            3.8
                                  3.6
                                         3.4
                                                3.6
                                                       6.6
                                                            11.6
                                                                   14.8
                                                                          16.6
                                                                                 17.0
                                                                                       17.3
  [27997]
             18.5
                    17.7
                           16.5
                                 14.7
                                        13.3
                                               11.8
                                                      10.8
                                                             9.8
                                                                    9.3
                                                                           8.9
                                                                                  8.3
                                                                                        7.6
   [28009]
              6.7
                     6.0
                                  5.0
                                         4.6
                                                4.6
                                                      7.7
                                                            12.7
                                                                   15.8
                                                                          18.4
                                                                                20.8
                                                                                       21.9
##
                            5.5
   [28021]
             21.1
                    19.6
                          17.6
                                 16.4
                                        14.7
                                               13.1
                                                     12.0
                                                            11.0
                                                                   10.2
                                                                           9.3
                                                                                  8.6
##
                                                                                        7.8
                                                                          15.6
                                                                                16.6
##
   [28033]
              6.6
                     5.6
                            4.9
                                  4.8
                                         4.8
                                                5.4
                                                      8.2
                                                            12.1
                                                                   14.7
                                                                                       17.2
   [28045]
             18.2
                    18.1
                          17.6
                                 16.6
                                        14.0
                                               12.7
                                                     12.0
                                                            11.3
                                                                   10.5
                                                                           9.5
                                                                                  8.9
                                                                                        8.7
   [28057]
              8.6
                     8.4
                            8.2
                                  7.8
                                         7.4
                                                7.5
                                                     10.9
                                                            14.7
                                                                   16.6
                                                                          17.1
                                                                                18.0
                                                                                       18.5
##
   [28069]
                    19.6
                                 17.7
                                        15.4
                                               12.8
                                                     12.2
##
             19.8
                          18.9
                                                            11.6
                                                                   11.5
                                                                          11.2
                                                                                10.8
                                                                                       10.3
   [28081]
              9.4
                     8.7
                            8.2
                                  7.8
                                         7.4
                                                7.5
                                                     10.7
                                                            14.0
                                                                   15.8
                                                                          17.3
                                                                                18.3
                                                                                       19.0
##
   [28093]
             20.7
                    20.4
                           19.7
                                 18.6
                                        16.7
                                               14.4
                                                     13.4
                                                            12.5
                                                                   11.8
                                                                          11.1
                                                                                10.3
                                                                                        9.7
   [28105]
              9.1
                     8.5
                            8.0
                                  7.6
                                         7.3
                                                7.6
                                                     11.3
                                                            14.4
                                                                   15.6
                                                                          15.6
                                                                                15.6
                                                                                       15.9
##
   [28117]
             18.3
                    17.9
                          18.3
                                 18.1
                                        16.5
                                               14.5
                                                     14.8
                                                            14.1
                                                                   13.5
                                                                          13.3
                                                                                13.3
                                                                                       13.2
   [28129]
             13.2
                    12.9
                           12.7
                                 12.1
                                        11.6
                                               12.7
                                                     14.6
                                                            15.3
                                                                   15.7
                                                                          16.1
                                                                                 16.9
                                                                                       17.5
                                               12.6
   [28141]
                    15.9
                                 14.7
                                        14.2
                                                     12.2
                                                            11.9
                                                                   12.4
                                                                          12.4
             16.8
                          15.2
                                                                                11.8
                                                                                       11.9
   [28153]
             12.2
                    12.2
                           12.1
                                 12.0
                                        12.0
                                               12.2
                                                      13.3
                                                            13.2
                                                                   13.7
                                                                          14.1
                                                                                 14.4
                                                                                       14.5
## [28165]
             11.4
                    11.0
                          10.5
                                 10.0
                                         9.3
                                                8.4
                                                      7.8
                                                             7.3
                                                                    6.9
                                                                           6.7
                                                                                  6.5
                                                                                        6.5
  [28177]
              6.4
                     6.4
                            6.3
                                   6.3
                                         6.3
                                                6.5
                                                       7.2
                                                             7.9
                                                                    8.6
                                                                           9.0
                                                                                  9.2
                                                                                        9.5
  [28189]
             10.0
                    10.0
                            9.7
                                  9.3
                                         8.7
                                                8.1
                                                       7.8
                                                              7.5
                                                                    7.3
                                                                           7.1
                                                                                  6.8
                                                                                         6.6
##
   [28201]
              6.4
                     6.2
                            6.0
                                  5.9
                                         5.7
                                                5.7
                                                       6.0
                                                              6.3
                                                                    6.6
                                                                           7.0
                                                                                  7.4
                                                                                         7.9
##
   [28213]
              8.3
                     8.2
                                  7.8
                                         7.2
                                                       5.9
                                                             5.4
                                                                    4.3
                                                                           4.1
                                                                                  4.4
                                                                                         4.3
##
                            8.1
                                                6.4
   [28225]
              4.1
                     3.9
                                                                    7.8
                                                                           8.8
                                                                                  9.6
                                                                                       10.2
                            3.9
                                   3.9
                                         3.8
                                                4.3
                                                       5.5
                                                              6.7
   [28237]
              9.6
                     9.5
                            9.1
                                  8.4
                                         7.5
                                                6.5
                                                       5.0
                                                              3.8
                                                                    2.8
                                                                           1.6
                                                                                  0.6
                                                                                        0.1
   [28249]
             -0.2
                    -0.3
                            1.1
                                  2.0
                                         2.1
                                                2.9
                                                       4.8
                                                              6.5
                                                                    8.3
                                                                           9.7
                                                                                 10.9
                                                                                       11.8
             12.7
                    12.9
                                        10.5
                                                                                  7.6
##
   [28261]
                           12.7
                                 12.1
                                                9.1
                                                       8.7
                                                              8.5
                                                                    8.0
                                                                           7.7
                                                                                        7.3
                                                7.3
   [28273]
              7.1
                     6.9
                            6.8
                                   6.9
                                         6.9
                                                       8.2
                                                              8.9
                                                                    9.7
                                                                          10.2
                                                                                10.7
                                                                                       11.0
                                                                    9.9
   [28285]
             14.1
                    14.4
                           14.7
                                 14.7
                                        14.2
                                               12.8
                                                     12.2
                                                            10.9
                                                                           9.1
                                                                                  8.3
                                                                                        7.6
##
   [28297]
              7.1
                     6.6
                            6.1
                                  5.8
                                         5.4
                                                6.4
                                                     10.2
                                                            13.8
                                                                   15.8
                                                                          17.2
                                                                                18.0
                                                                                       18.5
   [28309]
                    19.3
                                                                           9.2
                                                                                        8.3
             19.3
                           18.9
                                 18.1
                                        15.8
                                               12.9
                                                     11.4
                                                            10.5
                                                                    9.8
                                                                                  8.6
   [28321]
              7.9
                     7.4
                           7.0
                                  6.5
                                         6.1
                                                7.3
                                                     11.3
                                                            15.2
                                                                   16.9
                                                                          18.1
                                                                                19.0
                                                                                       19.4
   [28333]
             19.1
                    18.8
                           18.1
                                 17.2
                                        15.6
                                               13.0
                                                     11.2
                                                            10.1
                                                                    9.4
                                                                           9.4
                                                                                  9.4
                                                                                        9.2
## [28345]
                            9.3
                                  9.3
                                         9.2
                                               10.8
                                                     13.9
                                                            16.1
                                                                   17.3
                                                                          18.2
                                                                                18.7
              9.1
                     9.1
                                                                                       19.0
## [28357]
             18.3
                    18.1
                          17.7
                                 17.1
                                        16.0
                                               13.1
                                                     11.8
                                                            11.4
                                                                   10.9
                                                                          10.6
                                                                                10.3
## [28369]
             10.0
                     9.8
                            9.8
                                  9.7
                                         9.6
                                               10.2
                                                     11.8
                                                            13.4
                                                                   15.3
                                                                          16.7
                                                                                17.8
                                                                                       17.5
## [28381]
             19.9
                    19.6 19.2 18.4 16.8
                                              14.1
                                                     13.3 12.5 11.8 11.2 10.6
```

```
## [28393]
              9.3
                    8.8
                           8.4
                                  8.1
                                        7.7
                                               9.2 13.3 15.5 17.4 18.6 19.2
   [28405]
             20.3
                   18.4
                          17.5
                                16.9
                                       15.9
                                              15.1
                                                    14.7
                                                           12.7
                                                                  11.3
                                                                        10.8
                                                                               11.3
                                                                                      11.7
   [28417]
             11.6
                   11.7
                          10.8
                                 10.5
                                       10.0
                                              11.6
                                                    15.0
                                                           16.4
                                                                  17.5
                                                                        16.6
                                                                               17.7
                                                    13.7
                                                           12.9
                                                                  12.3
   [28429]
             19.4
                   18.0
                          18.2
                                 17.4
                                       16.3
                                              14.4
                                                                        12.2
                                                                               11.8
                                                                                      11.7
   [28441]
             11.9
                   11.8
                          11.6
                                 11.1
                                       10.5
                                              11.3
                                                    12.7
                                                           14.0
                                                                  15.4
                                                                        15.9
                                                                               17.9
                                                                                      16.9
   [28453]
             17.4
                   17.3
                          17.0
                                16.6
                                       15.4
                                              13.8
                                                    12.9
                                                           12.1
                                                                  11.3
                                                                        10.7
                                                                               10.1
##
                                                                                       9.6
                                                      9.6
                                                           10.6
                                                                  11.6
   [28465]
              9.1
                    8.7
                           8.4
                                  8.2
                                        8.1
                                               8.6
                                                                        12.6
                                                                               13.6
                                                                                      14.8
                                       12.6
                                              11.3
                                                    10.5
                                                            9.9
                                                                   9.4
                                                                          9.1
   [28477]
             13.8
                   13.9
                          13.7
                                 13.3
                                                                                8.9
                                                                                       8.7
                                                            9.5
   [28489]
              8.6
                    8.5
                           8.5
                                  8.5
                                        8.4
                                               8.8
                                                      9.1
                                                                   9.8
                                                                        10.2
                                                                               10.9
                                                                                      11.7
                          10.5
                                                           10.0
                                                                  10.0
                                                                                9.9
##
   [28501]
             10.1
                   10.4
                                 10.5
                                       10.4
                                              10.1
                                                    10.0
                                                                        10.0
                                                                                       9.9
   [28513]
              9.9
                    9.8
                           9.7
                                  9.7
                                        9.6
                                               9.9
                                                    10.4
                                                           10.6
                                                                  10.8
                                                                        11.1
                                                                               11.6
                                                                                      12.1
   [28525]
             10.2
                   10.3
                          10.3
                                 10.2
                                       10.0
                                               9.6
                                                      9.4
                                                            9.2
                                                                   9.1
                                                                          8.9
                                                                                8.7
                                                                                       8.5
##
   [28537]
              8.3
                    8.1
                           8.0
                                  7.9
                                        7.7
                                               7.8
                                                      8.0
                                                            8.1
                                                                   8.3
                                                                          8.6
                                                                                9.0
                                                                                       9.5
                                                    11.5
   [28549]
             13.6
                                                           10.9
                                                                   9.6
                                                                                7.9
##
                   14.4
                          14.4
                                 14.1
                                       13.5
                                              12.1
                                                                          8.7
                                                                                       7.2
   [28561]
                     6.0
                           5.5
                                  5.1
                                        4.7
                                               6.7
                                                     10.0
                                                           12.8
                                                                  14.6
                                                                        15.9
                                                                               16.9
                                                                                      17.6
              6.6
   [28573]
             17.3
                   17.6
                          17.5
                                 17.1
                                       15.8
                                              13.5
                                                    12.2
                                                           11.1
                                                                  10.2
                                                                          9.3
                                                                                8.3
                                                                                       7.4
   [28585]
                    6.0
                                  4.9
                                        4.5
                                               7.6
                                                    11.5
                                                           13.9
                                                                  15.7
                                                                        16.9
                                                                               17.6
                                                                                      16.7
##
              6.7
                           5.4
   [28597]
             15.4
                   15.0
                          14.8
                                 14.7
                                       13.6
                                              12.5
                                                    11.7
                                                           11.0
                                                                  10.4
                                                                          9.9
                                                                                8.2
                                                                                       9.5
   [28609]
                    9.7
                           9.7
                                  9.6
                                        9.6
                                              10.9
                                                    12.6
                                                           13.9
                                                                  14.8
                                                                                      16.9
              9.7
                                                                        15.6
                                                                               16.3
   [28621]
             17.1
                   17.4
                          17.3
                                 16.9
                                       15.8
                                              13.9
                                                    13.0
                                                           11.9
                                                                  11.1
                                                                        10.8
                                                                               10.5
                                                                                      10.4
                                                    15.4
##
   [28633]
             10.4
                   10.4
                          10.3
                                 10.3
                                       10.3
                                              12.8
                                                           17.2
                                                                  18.6
                                                                        19.5
                                                                               20.0
                                                                                      19.9
   [28645]
             19.3
                   18.7
                          17.6
                                17.6
                                       17.5
                                              15.3
                                                    15.6
                                                           15.4
                                                                  15.0
                                                                        14.7
                                                                               14.5
   [28657]
             12.7
                   12.0
                          11.5
                                11.0
                                       10.4
                                              12.0
                                                    15.6
                                                           17.6
                                                                  18.9
                                                                        19.6
                                                                               19.9
##
                                                                                      19.9
   [28669]
                   20.7
                          19.8
                                18.6
                                       17.0
                                              13.6
                                                    12.8
                                                           13.6
                                                                  14.0
                                                                        13.9
                                                                               14.1
##
             21.2
                                             11.8 12.8
                                                                  13.9
                                                                        15.0
                                                                                      15.8
##
   [28681]
             13.1
                   12.3
                          11.6
                                11.0
                                       10.6
                                                           13.4
                                                                               15.6
   [28693]
             17.3
                   17.1
                          16.9
                                 16.3
                                       14.9
                                              11.7
                                                    10.5
                                                            9.0
                                                                   7.9
                                                                          8.3
                                                                                8.6
                                                                                       9.0
   [28705]
              9.2
                   10.0
                          10.2
                                 10.2
                                       10.4
                                              11.3
                                                    11.7
                                                           10.8
                                                                   9.8
                                                                        10.1
                                                                               10.1
                                                                                      10.2
   [28717]
                                        9.5
                                                            5.8
                                                                   5.2
##
             10.6
                   10.4
                          10.1
                                 10.0
                                               6.9
                                                      6.4
                                                                          4.7
                                                                                4.1
                                                                                       3.7
   [28729]
              3.4
                    3.3
                           3.3
                                        3.1
                                               6.3
                                                    10.3
                                                           11.9
                                                                  13.0
                                                                        13.8
                                                                               14.5
                                                                                      14.8
##
                                  3.1
   [28741]
             15.2
                   15.1
                          14.1
                                 13.6
                                       13.0
                                              11.8
                                                      8.9
                                                            8.4
                                                                   8.2
                                                                          7.9
                                                                                7.6
                                                                                       7.0
   [28753]
              6.3
                    5.9
                           5.6
                                  5.3
                                        5.1
                                               8.4
                                                    12.8
                                                           15.3
                                                                  17.2
                                                                        18.6
                                                                               19.5
                                                                                      19.9
##
   [28765]
             20.7
                   20.4
                          19.8
                                 18.7
                                       17.1
                                              14.9
                                                    13.6
                                                           13.0
                                                                  12.9
                                                                        12.8
                                                                               12.6
                                                                                      12.4
                                                                  12.1
   [28777]
             11.9
                   11.5
                          11.3
                                 11.4
                                       12.5
                                              13.4
                                                     13.5
                                                           13.1
                                                                          9.4
                                                                                7.8
                                                                                       9.5
   [28789]
              7.8
                    7.8
                           9.5
                                  9.7
                                        9.8
                                               8.7
                                                      7.9
                                                            7.0
                                                                   6.3
                                                                          5.8
                                                                                       4.8
                                                                                5.3
   [28801]
              4.5
                    4.4
                           4.3
                                  4.3
                                        4.5
                                               8.4
                                                    12.0
                                                           13.5
                                                                  14.6
                                                                        15.2
                                                                               14.4
                                                                                      15.7
  [28813]
             14.9
                   15.0
                          15.1
                                 15.0
                                       14.2
                                              11.9
                                                    11.1
                                                           10.5
                                                                  10.0
                                                                          9.5
                                                                                9.2
                                                                                       9.0
##
   [28825]
              8.8
                    8.6
                           8.1
                                  7.1
                                        6.5
                                               9.1
                                                     12.7
                                                           14.4
                                                                  15.5
                                                                        16.3
                                                                               16.8
                                                                                      16.9
   [28837]
             15.2
                   15.0
                          14.8
                                 14.4
                                       13.0
                                              10.0
                                                      7.8
                                                            6.3
                                                                   5.3
                                                                          4.6
                                                                                4.3
                                                                                       4.6
   [28849]
              5.5
                    5.5
                           5.4
                                  5.2
                                        5.2
                                               5.9
                                                      7.0
                                                            8.6
                                                                  10.7
                                                                        12.1
                                                                               13.1
                                                                                      13.9
             13.7
   [28861]
                   13.3
                          12.6
                                 11.6
                                       10.5
                                               9.3
                                                      7.7
                                                            6.5
                                                                   6.2
                                                                          6.2
                                                                                6.3
                                                                                       6.6
##
   [28873]
                    7.0
                                               7.7
                                                      7.9
                                                            8.3
                                                                   9.0
                                                                          9.5
                                                                                9.7
                                                                                       9.5
              6.8
                           7.1
                                  7.1
                                        7.3
   [28885]
              9.9
                     9.7
                           9.4
                                  9.0
                                        8.5
                                               7.9
                                                      7.4
                                                            7.1
                                                                   6.8
                                                                          6.5
                                                                                6.2
                                                                                       5.8
   [28897]
              5.5
                    5.2
                           5.2
                                  5.2
                                        5.4
                                               6.1
                                                      7.0
                                                            8.0
                                                                   8.6
                                                                          8.8
                                                                                9.0
                                                                                       9.1
   [28909]
                   10.6
                                                                   9.2
                                                                                9.1
##
             10.1
                          10.9
                                 10.8
                                       10.5
                                               9.8
                                                      9.6
                                                            9.4
                                                                          9.1
                                                                                       9.1
                                                                  12.2
   [28921]
              9.2
                    9.3
                           9.5
                                  9.7
                                       10.0
                                              10.5
                                                     11.1
                                                           11.7
                                                                        12.8
                                                                               13.2
                                                                                      13.6
                   15.3
                                                                          2.6
   [28933]
             14.3
                          15.3
                                 14.6
                                       13.1
                                               9.7
                                                      6.5
                                                            4.6
                                                                   3.4
                                                                                2.0
                                                                                       1.6
##
   [28945]
              1.4
                     1.3
                           1.2
                                  1.2
                                        2.1
                                               6.2
                                                      9.5
                                                           11.7
                                                                  13.4
                                                                        14.5
                                                                               15.1
                                                                                      15.3
   [28957]
                   15.7
                                       12.9
                                                                          2.6
                                                                                       0.9
             15.9
                          15.2
                                 14.3
                                               9.5
                                                      6.6
                                                            4.9
                                                                   3.6
                                                                                1.7
              0.4
   [28969]
                    2.2
                           2.7
                                  2.8
                                        3.1
                                               4.1
                                                      5.6
                                                            7.2
                                                                   8.9
                                                                        10.8
                                                                               12.4
                                                                                      13.7
## [28981]
             15.1
                   15.0
                          14.4
                                 13.2
                                       11.5
                                               8.8
                                                      7.0
                                                            5.8
                                                                   6.8
                                                                          6.9
                                                                                6.7
                                                                                       6.5
## [28993]
              6.3
                           5.8
                                  5.5
                                        5.6
                                               6.4
                                                      7.5
                                                            8.7
                                                                   9.7
                                                                        11.2
                                                                               11.7
                    6.1
                                                                                      12.4
## [29005]
             14.9
                   15.5
                          15.4
                                 14.9
                                       13.8
                                              10.2
                                                      7.9
                                                            6.5
                                                                   5.2
                                                                          4.0
                                                                                3.0
                                                                                       2.3
## [29017]
                     1.2
                           1.0
                                  2.0
                                        3.5
                                               5.7
                                                      7.7
                                                           10.1
                                                                  12.4
                                                                        14.0
                                                                               15.1
                                                                                      16.0
              1.8
## [29029]
             16.8
                   17.3 17.2 16.8
                                       15.7
                                              12.2
                                                      9.8
                                                            8.1
                                                                   6.8
                                                                          5.9
                                                                                5.3
                                                                                       4.7
```

```
## [29041]
             3.9
                   3.1
                         2.5
                                3.1
                                      4.6
                                            6.0
                                                  7.3
                                                         9.1
                                                              10.6 12.5 13.7 14.6
                        15.6
## [29053]
            15.5
                  16.0
                               14.8
                                     13.4
                                                  9.5
                                                         7.7
                                                                     6.6
                                                                           7.1
                                                                                 7.7
                                           11.3
                                                               6.5
## [29065]
             7.6
                   7.6
                         7.5
                                7.3
                                      7.4
                                            7.8
                                                  8.5
                                                         9.7
                                                              11.6
                                                                    13.5
                                                                          14.9
                                                                                16.3
## [29077]
                                                               7.9
                                                                     8.7
                                                                                 9.2
            17.0
                  16.9
                        16.7
                               16.5
                                     15.6
                                           12.6
                                                 10.1
                                                         8.4
                                                                           9.1
## [29089]
             9.0
                   9.0
                         8.9
                                9.0
                                      9.6
                                           10.7
                                                 11.7
                                                        12.8
                                                              14.4
                                                                    15.7
                                                                          16.4
                                                                                17.7
## [29101]
            16.9
                  16.6
                        16.4
                              16.5
                                     15.9
                                           14.3
                                                 13.3
                                                       12.7
                                                              11.8
                                                                    11.7
                                                                          11.5
                                                                                11.1
                  10.5
                        10.2
                               10.1
                                     10.4
                                           11.2
                                                 12.7
                                                       14.2
                                                              16.0
                                                                    17.9 19.6
## [29113]
            10.7
                  18.2
                                     17.5
                                                 13.0
                                                              10.9
                                                                    10.0
## [29125]
            18.1
                        18.1
                               17.9
                                           15.0
                                                       11.8
                                                                           9.2
                                                                                 8.6
  [29137]
             8.6
                   9.4
                         9.6
                                9.5
                                      9.7
                                           10.3
                                                 11.2
                                                       12.4
                                                              13.7
                                                                    14.9
                                                                          15.9
                                                                                17.4
            15.5
                  16.0
##
  [29149]
                        17.0
                              17.1
                                     16.5
                                           14.8
                                                14.1
                                                       13.8
                                                              13.3
                                                                    13.0
                                                                          13.3
                                                                                13.2
  [29161]
            12.9
                  12.7
                        12.5
                               12.5
                                     12.4
                                           14.7
                                                 15.9
                                                       17.3
                                                              17.0
                                                                    17.4
                                                                          17.8
## [29173]
            20.6
                  19.8
                        19.7
                               19.3
                                     18.9
                                           16.9
                                                 15.8
                                                       15.0
                                                              14.3
                                                                    14.0
                                                                          13.9
                                                                                13.7
## [29185]
            13.4
                  13.3
                        13.2
                               13.3
                                     14.0
                                           15.1
                                                 16.8
                                                       17.9
                                                              19.8
                                                                    20.8
                                                                          20.4
                                                                                18.6
## [29197]
            23.0
                  21.9
                        20.5
                               18.5
                                     16.9
                                           16.0
                                                       15.3
                                                 15.4
                                                              15.4
                                                                    15.0
                                                                          14.3
                                                                                14.4
## [29209]
            14.5
                  14.5
                        14.5
                               14.5
                                     15.2
                                           17.0
                                                 17.5
                                                       17.8
                                                              18.2
                                                                    18.6
                                                                          19.0
                                                                                19.5
## [29221]
            19.7
                  19.8
                        19.5
                               19.1
                                     18.5
                                           16.6
                                                 15.4
                                                       15.6
                                                              15.5
                                                                    15.4
                                                                          15.2
                                                                                15.1
  [29233]
            15.0
                  14.8
                        14.6
                               14.4
                                     14.5
                                           15.0
                                                 16.3
                                                       18.0
                                                              19.8
                                                                    20.9
                                                                          20.6
                                                                                20.8
##
## [29245]
            21.6
                  21.1
                        20.4
                               20.2
                                     19.9
                                           19.3
                                                 19.0
                                                       18.4
                                                              18.1
                                                                    17.7
                                                                          16.7
                                                       16.9
## [29257]
                        14.9
                               14.7
                                     14.6
                                           15.2 16.9
                                                              17.0
                                                                    16.6
            15.6
                  15.1
                                                                          16.3
                                                                                16.0
## [29269]
            16.0
                  16.4
                        16.6
                               16.9
                                     16.3
                                           14.5
                                                 14.4
                                                       13.9
                                                              13.4
                                                                    13.3
                                                                          13.2
                                                                                13.0
                                                                    17.0 17.0
## [29281]
            12.6
                  12.2
                        11.7
                               11.1
                                     12.3
                                           13.7
                                                 14.7
                                                       16.0
                                                              16.6
                                                                                17.0
## [29293]
            17.0
                  16.9
                        16.9
                               16.1
                                     14.7
                                           13.9
                                                 12.9
                                                       12.6
                                                              11.9
                                                                    11.6
                                                                          11.1
## [29305]
            10.1
                   9.9
                         9.9
                                9.8
                                     10.0
                                           10.9
                                                 11.0
                                                       11.9
                                                              12.8
                                                                    12.8
                                                                          13.5
                                                                                15.4
## [29317]
            15.8
                  15.7
                        15.4
                               14.7
                                     13.7
                                           11.7
                                                  9.7
                                                         8.4
                                                               7.5
                                                                     6.8
                                                                           7.0
                                                                                  6.6
## [29329]
                                                       13.1
                                                                    15.0
                                                                          15.9
                                                                                16.7
             6.1
                   5.8
                         6.0
                                6.4
                                      6.9
                                           10.3
                                                 11.9
                                                              14.2
  [29341]
            17.2
                  17.2
                        17.1
                               16.4
                                     15.0
                                           11.1
                                                  8.9
                                                         9.0
                                                               8.8
                                                                     8.0
                                                                           7.6
                                                                                 7.4
## [29353]
             7.4
                   7.3
                         7.7
                                7.6
                                     10.3
                                           13.1
                                                 15.3
                                                       16.9
                                                              18.1
                                                                    18.9
                                                                          19.2
                                                                                19.2
## [29365]
            18.7
                  18.3
                        17.8
                               16.9
                                           13.4
                                                                           9.0
                                     15.6
                                                 11.8
                                                       11.4
                                                              10.2
                                                                     9.4
                                                                                 8.8
## [29377]
             8.4
                   8.1
                         8.4
                                8.4
                                      9.7
                                           11.2 12.2
                                                       13.4
                                                              13.5
                                                                    15.0
                                                                          15.5
                                                                                15.9
  [29389]
            15.9
                  15.6
                        15.5
                               15.1
                                     14.5
                                           12.8
                                                 11.2
                                                       10.1
                                                               9.2
                                                                     8.6
                                                                           8.0
                                                                                 7.6
## [29401]
             7.2
                   7.0
                         7.2
                                8.2
                                     10.4
                                           10.8
                                                 12.3
                                                       14.4
                                                              15.4
                                                                    15.8
                                                                          16.1
                                                                                16.6
##
  [29413]
            16.8
                  16.7
                        16.6
                               16.2
                                     15.4
                                           13.8 12.6
                                                       12.1
                                                              11.7
                                                                    11.2
                                                                          10.4
                                                                                 9.2
## [29425]
             8.4
                   8.6
                         8.4
                                7.9
                                      9.1
                                           11.5
                                                 13.5
                                                       15.0
                                                              16.0
                                                                    17.0
                                                                          17.8
                                                                                18.3
            18.3
                                     15.6
                                                                          10.9
## [29437]
                  18.2
                        17.6
                                           13.5
                                                 11.6
                                                       11.3
                                                              11.7
                                                                                 9.7
                               16.8
                                                                    11.4
## [29449]
             9.2
                   8.8
                         9.1
                                8.4
                                     10.6
                                           12.4
                                                 14.0
                                                       15.3
                                                              15.3
                                                                    15.9
                                                                          17.2
                                                                                16.3
## [29461]
            16.1
                  16.3
                        16.9
                               16.0
                                     14.8
                                           13.8 12.7
                                                       10.6
                                                               9.6
                                                                     9.7
                                                                           9.6
                                                                                 9.7
## [29473]
            10.1
                  11.4
                        10.6
                                8.7
                                     10.3
                                           13.0 14.8
                                                       15.7
                                                              16.4
                                                                    16.9
                                                                          18.8
## [29485]
            18.7
                  19.2
                        19.9
                              19.2
                                     18.2
                                           16.4
                                                 14.5
                                                       14.5
                                                              13.8
                                                                    13.1
                                                                          12.4
                                                                                11.8
  [29497]
            11.5
                  11.2
                        11.0
                               10.8
                                     14.3
                                           17.2
                                                 19.2
                                                       21.0
                                                              22.4
                                                                    23.6
                                                                          24.1
                                                                                24.5
## [29509]
            24.2
                  24.0
                        23.6
                               23.1
                                     22.4
                                           19.7
                                                 17.1
                                                       16.6 16.4
                                                                    15.9
                                                                          15.4
                                                                                15.0
                  14.3
  [29521]
                        13.8
                               13.4
                                     15.5
                                           18.2
                                                 20.7
                                                       22.3
                                                              23.5
                                                                    24.6
            14.8
                                                                          25.1
## [29533]
            25.6
                  25.5
                        25.2
                               24.5
                                     23.1
                                           20.2
                                                 17.8 17.4
                                                              16.7
                                                                    16.4
                                                                          16.2
                                                                                16.0
                                     17.0
                                           19.7
                                                 22.1
                                                       24.0
## [29545]
            15.5
                  15.0
                        14.5
                               14.3
                                                              25.7
                                                                    26.7
                                                                          27.3
                                                                                27.4
## [29557]
                        25.5
                                     22.3
                                                       16.4
                                                              15.9
                                                                          15.9
            27.1
                  26.4
                               24.1
                                           19.2
                                                 16.3
                                                                    16.3
                                                                                15.6
                                           19.6
                                                 22.5
                                                       24.5
                                                              26.0
                                                                    25.7
## [29569]
            15.1
                  14.6
                        14.4
                               14.5
                                     16.4
                                                                          26.5
                                                                                27.6
                                                       19.0
                                                                    15.2
## [29581]
            26.9
                  26.7
                        26.0
                               24.8
                                     23.0
                                           20.4
                                                 20.5
                                                              18.0
                                                                          15.8
                                                                                14.6
##
  [29593]
            14.2
                  13.1
                        13.1
                               11.4
                                     12.6
                                           13.7
                                                 15.5
                                                       16.7
                                                              17.8
                                                                    18.9
                                                                          20.2
                                                                                21.3
  [29605]
                                                 17.0
                                                       16.3
                                                              15.1
                                                                                13.5
            21.8
                  22.0
                        21.9
                               21.6
                                     19.7
                                           17.8
                                                                    14.0
                                                                          13.7
                                                              18.4
## [29617]
            12.9
                  12.8
                        12.8
                               12.9
                                     13.8
                                           14.0
                                                 15.2
                                                       17.0
                                                                    19.5
                                                                          20.6
                                                                                21.6
                                     21.8
## [29629]
            21.9
                  22.3
                        22.6
                               22.5
                                           19.5
                                                 18.5
                                                       17.4
                                                              16.8
                                                                    16.0
                                                                          15.7
                                                                                15.5
                                                                    22.3
## [29641]
            14.4
                  14.5
                        14.6
                              15.2
                                     14.2
                                           16.2
                                                 17.8
                                                       19.4
                                                              20.9
                                                                          23.5
                                                                                24.4
                                           19.2 17.3 16.4 16.6 15.9
## [29653]
            25.2
                  25.4
                        21.4
                              22.5
                                     21.2
                                                                         16.0
## [29665]
            15.6
                  15.3
                        15.1
                              15.2
                                    16.0
                                           18.6 20.3
                                                       21.9
                                                              23.3
                                                                    24.5
                                                                          25.4
                                                                                26.1
## [29677]
            26.4
                  26.0 24.4 23.3
                                     22.0
                                          19.8 17.0 15.6 14.7 14.2 13.9
                                                                               13.6
```

```
## [29689]
            13.4
                  13.5
                        14.2 14.3 16.1
                                           19.2 21.5
                                                        23.0 23.9
                                                                     24.4
                                                                           24.9
                                     23.1
## [29701]
            25.5
                  25.3
                         25.1
                               24.3
                                           21.0
                                                 18.1
                                                        17.0
                                                              16.3
                                                                     15.6
                                                                           14.6
                                                                                  13.8
                                                        20.4
## [29713]
            13.1
                  12.6
                         12.4
                               12.1
                                     15.2
                                            17.2
                                                  19.0
                                                               21.5
                                                                     22.5
                                                                           23.2
                                                                                  23.7
                               22.5
                                            19.8
                                                  18.5
                                                        17.9
  [29725]
            24.0
                  23.5
                         23.2
                                     21.3
                                                               17.2
                                                                     16.6
                                                                           16.0
                                                                                  15.6
  [29737]
            15.3
                  15.0
                         14.7
                               14.5
                                     15.4
                                            17.5
                                                  19.2
                                                        20.7
                                                               22.0
                                                                     23.3
                                                                           23.3
                                                                                  23.8
## [29749]
            24.0
                  24.2
                         24.6
                               23.9
                                     22.7
                                            20.7
                                                  18.3
                                                        17.3
                                                               16.4
                                                                     15.5
                                                                           14.7
                                                                                  13.8
                         12.8
                               12.4
                                     15.9
                                            18.0
                                                  19.7
                                                        20.8
                                                               21.6
                                                                     22.8
  [29761]
            13.3
                  13.2
                                                                           24.2
## [29773]
                  24.9
                         24.5
                               23.6
                                     22.7
                                            21.2
                                                  18.9
                                                        17.9
                                                               17.4
                                                                     16.6
            25.1
                                                                           15.8
                                                                                  15.0
                                                  20.2
##
   [29785]
            14.4
                  13.9
                         13.6
                               13.4
                                     16.5
                                            18.6
                                                        21.7
                                                               22.9
                                                                     23.9
                                                                           24.7
                                                                                  25.0
                  24.9
                                                  17.4
                                                        16.3
##
   [29797]
            25.1
                         24.4
                               23.4
                                     21.7
                                            19.5
                                                               15.4
                                                                     14.8
                                                                           13.9
                                                                                  14.1
   [29809]
            14.0
                  14.0
                         13.8
                               13.6
                                     16.7
                                            17.6
                                                  19.0
                                                        18.9
                                                               18.0
                                                                     18.0
                                                                           18.9
                                                                                  19.7
  [29821]
            21.0
                  21.9
                         22.2
                               21.7
                                     20.5
                                            18.7
                                                  17.5
                                                        16.9
                                                               16.3
                                                                     16.2
                                                                           16.0
                                                                                  15.9
##
   [29833]
            15.8
                  15.7
                         15.9
                               15.8
                                     16.6
                                            16.7
                                                  16.7
                                                        16.4
                                                               16.7
                                                                     17.4
                                                                           17.4
                                                                                  17.3
  [29845]
            19.4
                  20.5
                         20.8
                               20.6
                                     20.3
                                            19.2
                                                        15.8
                                                               14.9
                                                                     14.5
##
                                                  17.8
                                                                           14.1
                                                                                  14.7
  [29857]
            14.2
                  13.7
                         13.6
                               13.5
                                     15.9
                                            16.9
                                                  18.1
                                                        18.9
                                                               20.3
                                                                     21.1
                                                                           22.0
                                                                                  23.0
   [29869]
            23.6
                  23.8
                         23.7
                               23.1
                                     22.2
                                            20.6
                                                  18.2
                                                        17.1
                                                               17.0
                                                                     16.5
                                                                           16.6
                                                                                  16.2
   [29881]
            16.2
                  16.2
                               16.7
                                     16.8
                                           19.6
                                                 21.1
                                                        22.2
                                                               23.4
                                                                     24.4
                                                                           25.3
                                                                                  25.9
##
                         16.7
   [29893]
            26.3
                  26.4
                         25.8
                               22.8
                                     21.4
                                           22.2
                                                  19.9
                                                        19.1
                                                               18.2
                                                                     17.5
                                                                           16.2
## [29905]
                  14.6
                         14.5
                               14.4
                                     16.6
                                           18.2
                                                  19.8
                                                        21.2
                                                               22.4
                                                                     23.4
                                                                           24.1
                                                                                  24.4
            14.8
## [29917]
            24.3
                  24.0
                         23.5
                               22.8
                                     22.0
                                            20.6
                                                  18.2
                                                        17.5
                                                               17.2
                                                                     16.9
                                                                           16.5
                                                                                  16.2
                         15.6
## [29929]
            15.9
                  15.6
                               15.4
                                     17.9
                                            20.1
                                                  21.8
                                                        21.9
                                                               21.6
                                                                     22.2
                                                                           22.7
                                                                                  23.1
## [29941]
            23.0
                  23.2
                         23.4
                               23.3
                                     23.3
                                            21.9
                                                  19.0
                                                        17.9
                                                               17.5
                                                                     17.3
                                                                           17.1
            16.4
                                                               23.6
## [29953]
                  16.0
                         15.7
                               15.6
                                     18.1
                                            20.2
                                                  21.5
                                                        22.5
                                                                     24.6
                                                                           25.7
                                                                                  26.6
   [29965]
            27.1
                  27.2
                         27.0
                               26.2
                                     25.0
                                            23.0
                                                  21.3
                                                        20.8
                                                               20.5
                                                                     20.2
                                                                           20.0
##
                                                                                  19.0
                                           21.6
                                                  23.2
                                                        24.5
                                                               25.6
                                                                     26.5
                                                                           26.9
##
  [29977]
            18.2
                  17.8
                         17.8
                               17.9
                                     19.8
                                                                                  27.0
   [29989]
            25.3
                  24.9
                         24.5
                               25.2
                                     24.1
                                            22.0
                                                  19.8
                                                        20.8
                                                               18.8
                                                                     17.9
                                                                           17.6
                                                                                  16.6
##
   [30001]
            16.0
                  15.7
                         16.1
                               16.0
                                     17.4
                                            19.5
                                                  21.3
                                                        22.7
                                                               23.9
                                                                     24.9
                                                                           25.6
                                                                                  26.3
   [30013]
                  26.7
                                     24.9
                                            22.9
                                                  19.7
                                                        19.2
                                                               18.5
##
            26.5
                         26.5
                               25.9
                                                                     18.3
                                                                           18.2
                                                                                  18.0
            17.9
                                                               26.1
   [30025]
                  17.6
                         16.8
                               16.7
                                     18.3
                                            21.4
                                                  23.4
                                                        24.8
                                                                     27.3
                                                                           28.2
                                                                                  28.8
##
   [30037]
            29.1
                  28.9
                         28.4
                               27.7
                                     26.7
                                            24.7
                                                  21.1
                                                        19.3
                                                               19.0
                                                                     18.6
                                                                           17.8
                                                                                  17.1
##
   [30049]
            16.2
                  15.6
                         15.1
                               14.9
                                     18.6
                                            20.6
                                                  22.0
                                                        23.3
                                                               24.5
                                                                     25.6
                                                                           26.6
                                                                                  27.3
##
   [30061]
            27.8
                  27.9
                         27.5
                               26.7
                                     25.4
                                            23.0
                                                  20.3
                                                        18.8
                                                               17.7
                                                                     16.8
                                                                           16.1
                                                                                  15.9
                                                               23.3
   [30073]
            15.4
                  14.7
                         14.5
                               15.0
                                     17.1
                                            19.0
                                                  20.7
                                                        22.1
                                                                     24.4
                                                                           25.3
                                                                                  26.1
                         26.0
                                                        17.8
  [30085]
                  26.4
                               25.1
                                     23.8
                                            21.7
                                                  19.0
                                                               17.1
                                                                     16.6
            26.4
                                                                           16.0
                                                                                  15.4
   [30097]
            14.8
                  14.6
                         14.5
                               14.5
                                     17.6
                                            20.3
                                                  22.6
                                                        24.8
                                                               26.5
                                                                     28.2
                                                                           29.4
                                                                                  30.7
  [30109]
            31.8
                  31.9
                         31.2
                               30.4
                                     29.3
                                            27.2
                                                  24.1
                                                        23.4
                                                               23.4
                                                                     22.9
                                                                           22.4
##
                                                                                  21.8
  [30121]
            20.9
                  20.2
                         19.7
                               19.5
                                     22.3
                                            24.7
                                                  27.0
                                                        28.2
                                                               29.3
                                                                     29.7
                                                                           29.9
                                                                                  30.2
## [30133]
            30.2
                  29.9
                         29.2
                               28.2
                                     26.8
                                            24.7
                                                  21.6
                                                        20.4
                                                               19.8
                                                                     19.9
                                                                           19.5
                                                                                  19.6
   [30145]
            19.7
                  19.2
                         18.5
                               18.1
                                     20.8
                                            23.5
                                                  25.0
                                                        25.6
                                                               25.0
                                                                     26.8
                                                                           27.3
                                                                                  27.7
                                                  22.2
                                                        20.2
                                                               20.6
  [30157]
            26.9
                  27.4
                         28.1
                               27.3
                                     26.7
                                            25.3
                                                                     20.8
                                                                           21.4
                                                                                  20.9
##
   [30169]
                  20.2
                         19.4
                               16.7
                                     19.6
                                            20.2
                                                  20.7
                                                        22.6
                                                               23.6
                                                                     25.9
            20.1
                                                                           26.5
## [30181]
            26.6
                  26.5
                         25.8
                               24.7
                                     23.8
                                            22.4
                                                  19.9
                                                        19.4
                                                               19.1
                                                                     19.1 19.3
                                                                                  19.2
## [30193]
                                     18.8
                                            19.5
                                                  19.8
                                                        20.1
            18.6
                  19.0
                         18.9
                               19.0
                                                               20.1
                                                                     20.1
                                                                           19.4
                                                                                  19.3
  [30205]
            19.9
                                     16.4
##
                  20.1
                         19.9
                               17.7
                                            17.7
                                                  17.8
                                                        18.0
                                                               18.2
                                                                     18.1
                                                                           17.7
                                                                                  17.8
                                     18.5
                                                               20.2
  [30217]
            17.0
                  16.5
                         16.8
                               16.3
                                            19.7
                                                  19.7
                                                        20.1
                                                                     20.4
                                                                           20.4
                                     22.4
## [30229]
            21.6
                  21.5
                         23.1
                               22.5
                                            21.4
                                                  19.7
                                                        18.8
                                                               18.3
                                                                     18.1
                                                                           17.7
                                                                                  17.3
                                                        23.9
                                                               24.8
##
   [30241]
            16.8
                  16.2
                         16.2
                               16.3
                                     18.2
                                            20.8
                                                  22.8
                                                                     25.5
                                                                           26.4
                                                                                  25.7
   [30253]
                         26.0
                               25.5
                                            23.0
                                                  20.3
                                                        18.9
                                                               18.8
                                                                     18.6
                                                                                  17.5
            26.6
                  26.3
                                     24.6
                                                                           18.1
  [30265]
            16.9
                  16.4
                         16.0
                               15.9
                                     18.4
                                            20.3
                                                  21.7
                                                        22.6
                                                               22.6
                                                                     23.1
                                                                           24.1
                                                                                  24.9
                                     23.8
                                                               17.6
## [30277]
            25.1
                  25.1
                         24.9
                               24.5
                                            22.7
                                                  19.8
                                                        18.7
                                                                     17.7
                                                                           17.3
                                                                                  16.6
## [30289]
            16.4
                  16.0
                         15.6
                               15.6
                                     18.2
                                            20.2
                                                  21.5
                                                        22.5
                                                               22.3
                                                                     22.6
                                                                           23.1
                                                                                  24.3
                                            22.2
## [30301]
            24.6
                  24.9
                         24.6
                               24.1
                                     23.3
                                                  19.5
                                                        18.9
                                                               18.7
                                                                     18.6
                                                                           18.2
## [30313]
            17.4
                  17.2
                         16.9
                               16.7
                                     18.5
                                            21.3
                                                  23.3
                                                        24.5
                                                               25.5
                                                                     26.2
                                                                           26.7
                                                                                  27.1
                                           23.3
## [30325]
            26.8
                  26.5
                         26.3 25.6
                                     24.7
                                                  20.3 19.7 19.5 18.7 18.1 17.6
```

```
## [30337]
             17.2
                   16.9
                         16.4
                                16.1
                                       18.7
                                             21.2 23.1
                                                          24.5
                                                                 25.5
                                                                        26.5
                                                                              27.3
   [30349]
             28.3
                   28.2
                          27.8
                                27.2
                                       26.4
                                             24.8
                                                    21.4
                                                          20.4
                                                                 20.0
                                                                        19.3
                                                                              18.7
                                                                                     18.3
                                                          25.7
                                                                              29.8
   [30361]
             17.9
                   17.3
                          16.9
                                16.5
                                       19.4
                                             22.1
                                                    24.0
                                                                 27.2
                                                                        28.6
                                                                                     30.6
                                                    24.1
                                                          22.4
                                                                 21.9
   [30373]
             31.3
                   31.5
                          30.9
                                30.0
                                       29.0
                                             27.2
                                                                        21.8
                                                                              21.8
                                                                                     21.6
   [30385]
             21.1
                   20.6
                          20.0
                                20.0
                                       22.3
                                             25.2
                                                    27.6
                                                           27.8
                                                                 28.5
                                                                        29.7
                                                                              30.7
                                                                                     31.5
   [30397]
             31.7
                   31.0
                          29.1
                                28.7
                                       27.3
                                             25.0
                                                    22.6
                                                          21.4
                                                                 20.6
                                                                        20.1
                                                                              19.5
                                                                                     18.9
##
                                       19.7
                                             21.6
                                                    23.1
                                                           24.3
                                                                 25.4
                                                                        26.1
   [30409]
             18.2
                   17.5
                          17.2
                                17.0
                                                                              26.6
             27.1
                   27.0
                          26.9
                                             24.0
                                                    20.8
                                                          19.7
                                                                 18.8
                                                                        18.1
   [30421]
                                26.5
                                       25.8
                                                                              17.3
                                                                                     16.6
##
   [30433]
             16.3
                   16.1
                          16.0
                                15.8
                                       18.6
                                             20.9
                                                    22.7
                                                           23.9
                                                                 24.6
                                                                        25.4
                                                                              26.0
                                                                                     26.5
                   26.6
                          26.3
                                             22.5
                                                    20.3
                                                          19.3
##
   [30445]
             26.7
                                25.5
                                       24.4
                                                                 18.6
                                                                        18.1
                                                                              17.6
                                                                                     17.1
   [30457]
             16.7
                   16.3
                          16.2
                                16.2
                                       19.0
                                             21.5
                                                    23.2
                                                           24.6
                                                                 25.3
                                                                        26.2
                                                                              27.0
                                                                                     27.6
   [30469]
             27.9
                   28.0
                          27.7
                                26.9
                                       25.7
                                             23.8
                                                    21.6
                                                          20.7
                                                                 20.0
                                                                        19.3
                                                                              18.8
                                                                                     18.2
##
##
   [30481]
             17.6
                   17.1
                          16.8
                                16.6
                                       19.4
                                             21.8
                                                    23.2
                                                          24.6
                                                                 25.6
                                                                        26.4
                                                                              27.6
                                                                                     28.4
   [30493]
                   28.5
                          28.1
                                27.2
                                       25.8
                                                    21.1
                                                           19.7
                                                                 18.6
                                                                        17.8
##
             28.6
                                             23.8
                                                                              17.1
                                                                                     16.5
   [30505]
             16.2
                   15.9
                          15.8
                                15.6
                                       18.1
                                              20.4
                                                    22.4
                                                           24.1
                                                                 25.6
                                                                        27.3
                                                                              29.0
                                                                                     30.4
   [30517]
             31.2
                   31.7
                          31.4
                                28.9
                                       28.5
                                              26.4
                                                    24.6
                                                           24.9
                                                                 24.2
                                                                        23.5
                                                                              22.3
                                                                                     22.2
   [30529]
             21.4
                   20.3
                                18.4
                                       17.6
                                             18.4
                                                    19.7
                                                          20.9
                                                                 22.1
                                                                        23.1
                                                                              24.1
##
                          19.2
                                                                                     24.9
   [30541]
             25.3
                   24.9
                          25.2
                                24.9
                                       24.5
                                             23.5
                                                    20.3
                                                          17.7
                                                                 16.2
                                                                        16.5
                                                                              16.5
                                                                                     16.1
                                                          20.9
   [30553]
                   15.4
                          15.7
                                16.0
                                       15.4
                                             18.5
                                                    20.1
                                                                 21.4
                                                                        22.1
                                                                              22.6
                                                                                     22.8
             15.9
   [30565]
             23.6
                   22.7
                          22.6
                                23.0
                                       22.3
                                             21.7
                                                    20.6
                                                          20.8
                                                                 20.7
                                                                        20.7
                                                                              20.4
                                                                                     19.8
##
   [30577]
             19.4
                   18.8
                          18.2
                                17.7
                                       17.5
                                             20.7
                                                    23.1
                                                          24.0
                                                                 24.5
                                                                        24.6
                                                                              24.1
                                                                                     25.5
   [30589]
             25.3
                   25.1
                          24.8
                                24.2
                                       23.6
                                             22.4
                                                    20.0
                                                          19.4
                                                                 18.8
                                                                        18.2
                                                                              17.9
             16.7
   [30601]
                   16.5
                          15.9
                                15.4
                                       17.7
                                             19.3
                                                    20.4
                                                          21.4
                                                                 22.5
                                                                        24.0
                                                                              23.8
                                                                                     25.3
##
   [30613]
             24.4
                   24.3
                          24.8
                                23.7
                                       22.8
                                             21.5
                                                    19.0
                                                          18.1
                                                                 18.1
                                                                        18.2
                                                                              17.6
##
                                                                                     17.1
                                             21.0
                                                    22.9
                                                          24.6
                                                                 26.2
                                                                              27.4
##
   [30625]
             16.7
                   16.2
                          16.0
                                16.1
                                       18.4
                                                                        27.3
                                                                                     27.5
                                                    20.6
   [30637]
             27.2
                   26.8
                          26.3
                                25.6
                                       24.8
                                             23.3
                                                          19.3
                                                                 18.8
                                                                        18.4
                                                                              18.3
                                                                                     18.5
   [30649]
             18.5
                   18.4
                          18.7
                                18.5
                                       20.2
                                             23.3
                                                    25.6
                                                          27.2
                                                                 28.2
                                                                        28.4
                                                                              28.2
                                                                                     26.9
##
   [30661]
                                       26.0
                                             25.3
                                                    22.0
                                                           22.1
                                                                 20.4
##
             26.8
                   26.5
                          26.8
                                26.4
                                                                        19.1
                                                                              18.9
                                                                                     18.7
                                16.5
                                                          23.1
                                                                              26.2
   [30673]
             18.2
                   17.6
                          16.7
                                       19.0
                                             20.6
                                                    22.0
                                                                 24.2
                                                                        25.2
                                                                                     27.1
##
   [30685]
             27.9
                   28.4
                          28.4
                                27.9
                                       27.1
                                              25.7
                                                    23.2
                                                           21.7
                                                                 20.2
                                                                        19.6
                                                                              19.7
                                                                                     19.4
                                                           27.4
##
   [30697]
             19.1
                   18.6
                          18.1
                                17.9
                                       20.7
                                              23.5
                                                    25.7
                                                                 28.8
                                                                        30.0
                                                                              30.4
                                                                                     30.2
##
   [30709]
             27.9
                   29.1
                          28.5
                                27.5
                                       25.9
                                             24.0
                                                    21.5
                                                          22.1
                                                                 19.8
                                                                        18.5
                                                                              17.4
                                                                                     16.8
                                                          23.2
                                                                                     28.3
##
   [30721]
             17.9
                   18.0
                          17.1
                                16.0
                                       17.9
                                             19.9
                                                    21.6
                                                                 24.6
                                                                        26.0
                                                                              27.3
   [30733]
             28.7
                   28.8
                          28.6
                                27.1
                                       25.4
                                             23.6
                                                    20.9
                                                          20.3
                                                                 19.9
                                                                        19.7
                                                                              19.4
                                                                                     19.2
##
                                                           27.3
   [30745]
             18.8
                   18.7
                          18.6
                                18.2
                                       20.7
                                              23.4
                                                    25.5
                                                                 28.6
                                                                        29.6
                                                                              30.5
                                                                                     31.1
   [30757]
             31.1
                   30.9
                          30.2
                                29.4
                                       28.8
                                             27.7
                                                    25.5
                                                          24.1
                                                                 23.3
                                                                        22.5
                                                                              21.3
##
                                                                                     21.1
   [30769]
             20.8
                   20.9
                          20.6
                                20.5
                                       21.9
                                             22.2
                                                    22.9
                                                          24.1
                                                                 25.0
                                                                        25.9
                                                                              28.3
                                                                                     28.2
   [30781]
             27.5
                   26.7
                          27.2
                                27.8
                                       27.6
                                             26.6
                                                    23.8
                                                          22.4
                                                                 21.5
                                                                        20.9
                                                                              20.5
                                                                                     19.5
##
   [30793]
             18.5
                   18.0
                          17.9
                                17.8
                                       21.1
                                             23.7
                                                    25.6
                                                           27.1
                                                                 27.9
                                                                        28.9
                                                                              29.7
                                                                                     30.3
##
                                                    22.7
                                                          22.1
   [30805]
             30.8
                   30.7
                          30.4
                                28.8
                                       27.1
                                             25.4
                                                                 21.8
                                                                        21.5
                                                                              21.2
                                                                                     20.9
##
   [30817]
                   20.1
                          19.8
                                18.9
                                       21.9
                                             24.7
                                                    26.3
                                                           27.3
                                                                 28.0
                                                                        28.8
                                                                              29.5
             20.5
   [30829]
             30.5
                   30.5
                          30.1
                                29.3
                                       28.0
                                             26.0
                                                    23.5
                                                          22.5
                                                                 21.6
                                                                        20.7
                                                                              19.8
                                                                                     19.0
##
   [30841]
                                17.4
                                       20.3
                                             22.8
                                                    24.4
                                                           25.8
                                                                 27.0
##
             18.3
                   18.0
                          17.7
                                                                        28.0
                                                                              28.9
                                                                                     29.6
   [30853]
             30.0
                   29.9
                          29.5
                                28.5
                                                    22.7
                                                           21.6
                                                                 20.7
                                                                        19.9
                                                                              19.4
##
                                       27.1
                                             25.1
                                                                                     18.8
                                       19.7
                                              22.3
                                                    24.2
                                                           25.7
                                                                 26.7
                                                                              28.9
   [30865]
             18.3
                   17.8
                          17.6
                                17.3
                                                                        27.8
                                                                                     29.8
                          29.9
                                       27.7
                                                           23.1
                                                                 22.4
   [30877]
             30.2
                   30.2
                                29.1
                                             25.8
                                                    23.9
                                                                        21.7
                                                                              21.0
                                                                                     20.4
##
                                                           26.5
##
   [30889]
             19.8
                   19.0
                          18.6
                                17.9
                                       21.4
                                             23.8
                                                    25.4
                                                                 27.6
                                                                        28.5
                                                                              29.6
                                                                                     30.4
   [30901]
                          30.0
                                       27.9
                                             26.2
                                                    23.8
                                                          22.8
                                                                 21.8
                                                                              20.9
                                                                                     20.2
##
             30.7
                   30.5
                                29.1
                                                                        21.1
                          18.5
   [30913]
             19.5
                   18.9
                                18.1
                                       20.8
                                             23.1
                                                    25.0
                                                          26.5
                                                                 27.9
                                                                        29.1
                                                                              29.8
                                                                                     30.5
                                       28.2
                                                           23.4
                                                                 22.7
                                                                              21.3
   [30925]
             30.7
                   30.6
                          30.1
                                29.3
                                             26.5
                                                    24.3
                                                                        22.0
                                                                                     20.7
   [30937]
             20.2
                   19.9
                          19.6
                                19.5
                                       22.1
                                             24.8
                                                    26.7
                                                           27.9
                                                                 29.0
                                                                        29.4
                                                                              29.4
##
                                                                                     29.8
                                                          23.5
                                                                              21.4
## [30949]
             29.7
                   29.8
                          29.6
                                29.0
                                       28.0
                                             26.5
                                                    24.6
                                                                 22.6
                                                                        21.9
                                                                                     20.7
## [30961]
             20.1
                   19.8
                          19.5
                                19.9
                                       21.4
                                             23.5
                                                    25.0
                                                          26.0
                                                                 26.7
                                                                        27.8
                                                                              28.7
                                                                                     29.6
                                             27.2
## [30973]
             30.1
                   30.4
                         30.3
                               29.8
                                       28.8
                                                    25.1
                                                          23.9
                                                                 22.9
                                                                       22.0
                                                                              21.2
                                                                                     20.5
```

```
## [30985]
            20.0
                  19.8 21.0 20.8
                                     22.0
                                           24.3
                                                 25.9
                                                        27.2
                                                               28.4
                                                                     29.3
                                                                           30.5
## [30997]
            31.8
                  31.8
                        31.5
                               31.0
                                     29.9
                                           28.1
                                                  25.3
                                                        23.6
                                                               22.3
                                                                     21.4
                                                                           20.3
                                                                                 19.7
                                                        27.9
## [31009]
            19.1
                  18.7
                         18.6
                               18.4
                                     20.9
                                            24.0
                                                  26.3
                                                               29.3
                                                                     30.4
                                                                           31.2
## [31021]
                                            28.7
                                                  25.0
                                                        24.4
                                                               23.4
                                                                     22.6
            32.0
                  32.1
                         32.1
                               31.5
                                     30.7
                                                                           22.1
                                                                                 21.8
## [31033]
            21.1
                  20.3
                         20.0
                               19.5
                                     21.9
                                            25.2
                                                  27.3
                                                        29.0
                                                               30.3
                                                                     31.3
                                                                           32.2
                                                                                  32.7
## [31045]
            33.0
                  33.0
                         32.6
                               31.9
                                     30.9
                                            28.9
                                                  25.2
                                                        23.9
                                                               23.1
                                                                     22.4
                                                                           21.8
                                                                                 20.9
            20.5
                  19.9
                         19.3
                               19.1
                                     21.7
                                            24.1
                                                  26.0
                                                        27.6
                                                               28.8
                                                                     29.9
## [31057]
                                                                           31.0
            32.8
                  32.8
                         32.5
                               32.0
                                           29.3
                                                  25.7
                                                        24.2
                                                               24.4
                                                                     23.9
                                                                           23.5
## [31069]
                                     31.0
                                                                                 23.5
                                            26.3
##
  [31081]
            23.2
                  22.9
                         22.6
                               22.2
                                     23.3
                                                  28.4
                                                        29.9
                                                               31.1
                                                                     32.2
                                                                           33.0
                                                                                  33.6
                  33.9
                                            30.2
                                                  26.4
                                                        25.2
                                                               24.5
                                                                     23.7
                                                                           23.0
                                                                                 22.5
##
  [31093]
            33.8
                         33.7
                               33.0
                                     32.1
## [31105]
            22.1
                  21.7
                         21.6
                               21.4
                                     23.6
                                            26.4
                                                  29.0
                                                        31.0
                                                               32.8
                                                                     34.2
                                                                           35.3
                                                                                 36.2
                                                  28.6
                                                               25.4
## [31117]
            37.1
                  37.2
                         36.7
                               35.8
                                     34.5
                                            31.8
                                                        26.6
                                                                     24.5
                                                                           28.1
                                                                                 26.1
## [31129]
            24.8
                  23.7
                         22.5
                               22.7
                                     25.5
                                            27.4
                                                  28.7
                                                        29.1
                                                               30.4
                                                                     31.7
                                                                           32.3
                                                                                 32.2
            32.2
                  32.1
                         31.9
                               31.3
                                     29.9
                                            27.4
                                                  24.0
                                                        23.3
                                                               23.3
                                                                     24.1
                                                                           22.7
## [31141]
                                                                                 21.5
## [31153]
            21.0
                  19.9
                         19.4
                               19.4
                                     21.5
                                            24.4
                                                  26.7
                                                        28.3
                                                               29.6
                                                                     30.6
                                                                           31.2
                                                                                 31.8
## [31165]
            32.0
                  31.9
                         31.6
                               30.7
                                     29.4
                                            27.3
                                                  24.2
                                                        22.9
                                                               22.4
                                                                     21.8
                                                                           21.1
                                                                                 20.5
            20.1
                  19.4
                         19.0
                               19.1
                                     22.3
                                            25.3
                                                  27.1
                                                        28.6
                                                               29.8
                                                                           31.9
                                                                                 32.4
##
  [31177]
                                                                     31.1
## [31189]
            32.6
                  32.4
                         32.1
                               31.5
                                     30.2
                                            28.2
                                                  25.4
                                                        23.7
                                                               22.5
                                                                     21.8
                                                                           21.2
                                                                                 20.6
## [31201]
            19.9
                  19.4
                         18.8
                               18.7
                                     21.9
                                           24.6
                                                  26.6
                                                        28.3
                                                               29.8
                                                                     31.3
                                                                           32.5
                                                                                 33.2
## [31213]
            33.3
                  33.1
                         32.6
                               31.5
                                     30.0
                                           27.6
                                                  25.1
                                                        23.8
                                                               22.8
                                                                     22.0
                                                                           21.3
                                                                                 20.8
                                           24.4
## [31225]
            20.6
                  20.5
                         20.3
                               20.2
                                     22.1
                                                  25.9
                                                        27.2
                                                               28.4
                                                                     29.8
                                                                           31.2
                                                                                 32.5
## [31237]
            33.2
                  33.6
                         33.6
                               33.2
                                     32.0
                                            29.5
                                                  26.5
                                                        25.3
                                                               24.4
                                                                     23.8
                                                                           23.3
                                                  27.9
                                                        29.5
## [31249]
            22.7
                  22.4
                         22.3
                               22.0
                                     24.1
                                           26.2
                                                               30.7
                                                                     31.7
                                                                           32.3
                                                                                 32.2
## [31261]
            31.4
                  30.9
                         30.4
                               29.7
                                     28.6
                                            26.9
                                                  24.1
                                                        22.7
                                                               22.3
                                                                     22.3
                                                                           22.2
                                                                                 22.1
            21.9
                         21.4
                               21.1
                                     22.8
                                           25.9
                                                  28.4
                                                        30.0
                                                               31.1
                                                                     32.0
                                                                           32.7
                                                                                 32.9
## [31273]
                  21.5
                                            27.3
                                                  24.7
## [31285]
            32.9
                  32.2
                         31.0
                               30.1
                                     29.1
                                                        23.9
                                                               23.6
                                                                     23.4
                                                                           23.1
                                                                                 22.8
## [31297]
            22.1
                  21.8
                         20.6
                               20.3
                                     23.0
                                            25.7
                                                  27.5
                                                        28.7
                                                               29.5
                                                                     30.5
                                                                           31.2
                                                                                 31.4
## [31309]
            31.6
                  31.5
                               30.2
                                     29.0
                                            26.9
                                                  24.9
                                                        23.9
                                                               23.1
                                                                     22.4
                                                                           21.8
                         31.0
                                                                                 21.2
                               18.9
                                                  26.4
                                                        27.8
                                                               29.0
                                                                           31.5
                                                                                 31.9
## [31321]
            20.6
                  20.1
                         19.5
                                     22.1
                                            24.3
                                                                     30.3
  [31333]
            32.3
                  32.5
                         32.2
                               31.4
                                     30.5
                                            28.8
                                                  26.1
                                                        25.7
                                                               25.3
                                                                     24.3
                                                                           23.4
                                                                                 22.8
## [31345]
            22.4
                  21.9
                         21.6
                               21.3
                                     23.8
                                            26.4
                                                  28.3
                                                        29.7
                                                               30.9
                                                                     32.0
                                                                           32.7
                                                                                  33.4
##
   [31357]
            33.8
                  33.8
                         33.4
                               32.9
                                     31.8
                                            29.8
                                                  27.6
                                                        26.7
                                                               25.9
                                                                     24.7
                                                                           24.0
                                                                                 22.6
                                     22.5
                                                  25.9
                                                        26.8
                                                               27.8
                                                                                 30.2
  [31369]
            22.6
                  22.1
                         21.8
                               21.7
                                            24.6
                                                                     28.8
                                                                           29.6
## [31381]
            30.6
                  30.9
                         31.1
                               30.7
                                     29.6
                                           27.4
                                                  24.4
                                                        23.7
                                                               22.5
                                                                     21.9
                                                                           21.5
                                                                                 21.0
                                                        27.9
## [31393]
            20.5
                  20.1
                         19.8
                               19.7
                                     21.7
                                            24.6
                                                  26.5
                                                               29.1
                                                                     30.1
                                                                           30.9
                                                                                  31.4
## [31405]
            31.5
                  31.4
                         30.9
                               30.0
                                     28.7
                                           26.7
                                                  24.3
                                                        23.1
                                                               22.0
                                                                     21.3
                                                                           20.7
                                                                                 20.1
## [31417]
            20.0
                  19.7
                         19.2
                               19.2
                                     21.6
                                           24.1
                                                  26.2
                                                        27.8
                                                               29.0
                                                                     29.8
                                                                           30.6
                                                                                 29.6
## [31429]
            31.4
                  31.6
                         31.3
                               30.6
                                     29.6
                                           27.8
                                                  24.9
                                                        23.7
                                                               22.6
                                                                     22.0
                                                                           21.3
                                                                                 20.7
## [31441]
            19.9
                  19.6
                         19.5
                               19.1
                                     20.9
                                            23.3
                                                  25.1
                                                        27.1
                                                               28.7
                                                                     29.9
                                                                           30.6
                                                                                 31.0
                               28.6
                                           26.1
                                                  24.5
                                                        23.7
                                                               22.8
## [31453]
            30.8
                  29.7
                         29.2
                                     27.8
                                                                     22.2
                                                                           21.6
                                                                                 20.9
## [31465]
            20.2
                  19.5
                         19.4
                               19.3
                                     20.5
                                            23.1
                                                  24.9
                                                        25.9
                                                               26.8
                                                                     27.7
                                                                           28.4
                                                                           20.8
## [31477]
            29.6
                  29.7
                         29.4
                               28.5
                                     27.3
                                           25.3
                                                  23.2
                                                        22.2
                                                               21.6
                                                                     21.3
                                                                                 20.3
## [31489]
                         19.5
                               19.1
                                     21.3
                                            23.6
                                                  25.0
                                                        25.9
                                                               26.7
                                                                     27.5
                                                                           28.2
            20.0
                  19.8
                                                                                 28.6
## [31501]
            28.7
                  28.4
                               26.9
                                     25.7
                                            23.9
                                                  22.5
                                                        22.0
                                                               21.5
                                                                     21.0
                                                                           20.6
                         27.8
                                                                                 20.2
                                                  23.5
                                                        25.0
                                                               26.2
                                                                     27.3
## [31513]
            19.9
                  19.4
                         18.9
                               18.5
                                     19.8
                                            21.7
                                                                           27.8
                  28.3
                         27.7
                                                  22.2
                                                        21.7
## [31525]
            28.2
                               26.9
                                     25.6
                                            23.7
                                                               21.1
                                                                     20.5
                                                                           19.8
                                                                                 19.1
                                                        25.1
                                                               26.4
##
  [31537]
            18.3
                  18.0
                         17.8
                               17.6
                                     18.7
                                            21.1
                                                  23.5
                                                                     27.5
                                                                           28.4
                                                                                 28.9
## [31549]
                  28.9
                         28.4
                               27.5
                                     26.2
                                            24.0
                                                  22.5
                                                        21.7
                                                               21.1
                                                                     20.5
                                                                           19.8
                                                                                 19.0
            28.8
## [31561]
            18.9
                  18.7
                         18.4
                               17.7
                                     19.2
                                            21.8
                                                  23.9
                                                        25.3
                                                               26.3
                                                                     27.2
                                                                           28.1
                                                                                 28.9
                               28.2
                                     27.0
                                                  22.8
## [31573]
            29.3
                  29.4
                         29.0
                                            24.8
                                                        21.8
                                                               21.2
                                                                     20.5
                                                                           19.8
                                                                                 19.3
## [31585]
            19.1
                  19.0
                         18.7
                               19.2
                                     18.5
                                           21.6
                                                  23.4
                                                        24.8
                                                               26.0
                                                                     27.2
                                                                           28.1
                                                                                 29.2
                                                 23.5 21.9
                                     28.6
## [31597]
            30.3
                  30.8
                         30.5
                               29.8
                                           26.1
                                                               20.8
                                                                     20.0
                                                                           19.5
                                                                                 19.3
## [31609]
            19.2
                  19.0
                         19.8
                               19.8
                                     19.6
                                           22.0
                                                  23.5
                                                        24.8
                                                              26.0
                                                                     26.9
                                                                           28.2
                                                                                 29.1
                                    27.2
                                           25.2 23.6 22.5 21.3 20.2 20.6
## [31621]
            29.6
                  29.9
                        29.4 28.6
                                                                                20.2
```

```
## [31633]
            18.4
                  18.3 17.6 16.6
                                    18.1
                                           18.3 19.5
                                                        21.7 22.7
                                                                     23.6
   [31645]
            25.2
                  25.5
                         24.7
                               24.0
                                     22.7
                                            20.4
                                                  19.3
                                                        18.9
                                                               18.3
                                                                     18.0
                                                                           17.8
                                                                                  18.6
                                                        22.9
                                                                           27.6
  [31657]
            17.6
                  16.9
                         15.6
                               15.1
                                     17.2
                                            19.8
                                                  21.0
                                                               24.7
                                                                     26.1
                                            23.3
                                                  21.7
                                                               19.7
                                                                     19.6
  [31669]
            29.2
                  29.7
                         29.7
                               25.9
                                     25.1
                                                        21.2
                                                                           19.1
                                                                                  18.9
## [31681]
            18.9
                  18.9
                         18.8
                               18.3
                                     17.8
                                            21.3
                                                  23.7
                                                        25.3
                                                               26.7
                                                                     28.0
                                                                           29.3
                                                                                  30.2
## [31693]
            30.8
                  31.0
                         30.9
                               29.5
                                     27.8
                                           25.3
                                                  23.4
                                                        22.0
                                                               21.4
                                                                     20.7
                                                                           20.6
                                                                                  20.5
                  19.7
                         19.3
                               19.0
                                     19.5
                                            23.1
                                                  25.8
                                                        27.3
                                                               28.4
                                                                     29.3
                                                                           29.9
  [31705]
            20.3
                                     29.6
                                           26.5
                                                  24.7
                                                        23.9
                                                               23.3
                                                                     22.5
## [31717]
            30.9
                  31.2
                         31.2
                               30.7
                                                                           21.9
                                                                                  21.5
                                                  26.7
                                                               29.8
##
   [31729]
            21.3
                  21.3
                         21.2
                               20.8
                                     20.8
                                            24.2
                                                        28.5
                                                                     30.7
                                                                           31.3
                                                                                  31.9
                                     30.3
                                           27.2
                                                  24.7
                                                        23.3
                                                               22.4
                                                                           20.9
                                                                                  20.3
##
  [31741]
            32.3
                  32.4
                         32.3
                               31.6
                                                                     21.7
  [31753]
            19.7
                  19.3
                         19.0
                               18.9
                                     20.3
                                            23.7
                                                  26.1
                                                        27.9
                                                               29.2
                                                                     30.4
                                                                           31.5
                                                                                  32.2
                                                               22.8
  [31765]
            32.6
                  32.6
                         32.3
                               31.5
                                     30.2
                                            27.1
                                                  24.5
                                                        23.6
                                                                     22.1
                                                                           21.4
                                                                                  20.8
##
                                                  27.3
##
   [31777]
            20.3
                  19.9
                         19.8
                               19.8
                                     21.0
                                            24.5
                                                        29.2
                                                               30.5
                                                                     31.0
                                                                           32.0
                                                                                  32.4
  [31789]
                  32.6
                               31.2
                                     29.8
                                            27.4
                                                  25.7
                                                        24.7
                                                               23.9
                                                                     23.2
                                                                           22.5
##
            32.6
                         32.1
                                                                                  21.7
  [31801]
            20.8
                  20.2
                         19.7
                               19.4
                                     20.9
                                            23.6
                                                  25.1
                                                        26.4
                                                               27.4
                                                                     28.5
                                                                           29.2
                                                                                  29.7
   [31813]
            29.9
                  29.8
                         29.3
                               28.4
                                     26.9
                                            24.6
                                                  23.3
                                                        22.4
                                                               21.7
                                                                     21.0
                                                                           20.4
                                                                                  19.9
   [31825]
            19.4
                  18.9
                         18.5
                               18.0
                                     19.2
                                           22.3
                                                  24.1
                                                        25.3
                                                               26.2
                                                                     27.0
                                                                           27.8
                                                                                  28.4
##
  [31837]
            28.5
                  28.6
                         27.9
                               26.8
                                     25.4
                                           23.2
                                                  22.1
                                                        21.4
                                                               20.7
                                                                     20.0
                                                                           19.3
                                                                           27.0
## [31849]
                  17.3
                         16.8
                               16.4
                                     17.7
                                           21.0
                                                  23.1
                                                        24.3
                                                               25.2
                                                                     26.1
                                                                                  27.8
            17.9
## [31861]
            28.4
                  28.4
                         28.3
                               27.6
                                     26.3
                                           23.8
                                                  22.3
                                                        21.3
                                                               20.6
                                                                     19.8
                                                                           19.2
                                                                                  18.8
## [31873]
            18.4
                  18.1
                         17.9
                               17.5
                                     18.3
                                           21.3
                                                  23.0
                                                        24.2
                                                               25.2
                                                                     26.1
                                                                           27.3
                                                                                  28.3
## [31885]
            28.8
                  28.9
                         28.4
                               27.4
                                     25.9
                                            23.9
                                                  22.9
                                                        22.2
                                                               21.4
                                                                     20.6
                                                                           19.9
            20.2
                                                               25.8
## [31897]
                  18.9
                         18.5
                               18.3
                                     18.8
                                           21.2
                                                  23.4
                                                        25.0
                                                                     26.7
                                                                           27.7
                                                                                  28.4
## [31909]
            28.7
                  28.6
                         28.1
                               27.1
                                     25.5
                                            23.2
                                                  22.1
                                                        21.4
                                                               20.8
                                                                     20.0
                                                                           19.5
                                                                                  19.1
## [31921]
            18.8
                  18.5
                                           21.3
                                                  23.3
                                                        24.7
                                                               25.6
                                                                     26.5
                                                                           27.6
                                                                                  28.7
                         18.3
                               17.8
                                     18.4
  [31933]
            29.1
                  29.0
                         28.3
                               27.2
                                     25.5
                                            23.1
                                                  22.0
                                                        21.1
                                                               20.5
                                                                     19.9
                                                                           19.3
                                                                                  19.0
## [31945]
            18.7
                  18.4
                         18.1
                               17.9
                                     18.7
                                            21.5
                                                  23.5
                                                        25.0
                                                               25.9
                                                                     26.9
                                                                           28.2
                                                                                  29.4
## [31957]
                               28.9
                                     27.5
                                                  24.0
                                                        23.3
                                                               22.5
            29.9
                  30.1
                         29.8
                                            25.1
                                                                     21.9
                                                                           21.3
                                                                                  20.6
                                     20.5
                                            23.0
                                                        26.1
                                                                           29.1
                                                                                  29.8
## [31969]
            20.1
                  19.6
                         19.2
                               18.9
                                                  24.7
                                                               27.3
                                                                     28.4
   [31981]
            30.0
                  29.8
                         29.1
                               27.9
                                     26.2
                                            23.8
                                                  22.6
                                                        21.8
                                                               21.1
                                                                     20.4
                                                                           19.9
                                                                                  19.5
##
   [31993]
            19.3
                  18.9
                         18.6
                               18.5
                                     18.9
                                            20.8
                                                  22.9
                                                        24.5
                                                               25.4
                                                                     26.6
                                                                           27.4
                                                                                  28.0
##
   [32005]
            28.1
                  27.9
                         27.3
                               26.1
                                     24.5
                                            22.5
                                                  22.0
                                                        21.5
                                                               20.9
                                                                     20.5
                                                                           20.2
                                                                                  19.9
                                                               25.6
   [32017]
            19.5
                  19.1
                         18.8
                               18.5
                                     18.6
                                            20.7
                                                  23.0
                                                        24.8
                                                                     26.6
                                                                           27.3
                                                                                  27.6
  [32029]
            27.7
                  27.4
                         26.7
                               25.5
                                     24.0
                                           22.0
                                                  21.4
                                                        20.7
                                                               20.0
                                                                     19.2
                                                                           18.6
                                                                                  18.6
## [32041]
            18.7
                  18.7
                         18.3
                               19.1
                                     16.6
                                            19.1
                                                  21.6
                                                        24.0
                                                               25.6
                                                                     27.0
                                                                           28.1
                                                                                  28.1
## [32053]
            28.3
                  28.1
                         27.4
                               26.2
                                     24.4
                                           22.2 21.6
                                                        21.1
                                                               20.5
                                                                     19.6
                                                                           19.2
                                                                                  18.8
## [32065]
            18.3
                  18.2
                         17.6
                               17.2
                                     17.3
                                           19.3
                                                  21.4
                                                        23.8
                                                               25.6
                                                                     27.2
                                                                           28.1
## [32077]
            28.8
                  28.4
                         27.7
                               26.8
                                     25.4
                                           23.0
                                                  21.9
                                                        21.0
                                                               19.9
                                                                     18.5
                                                                           17.6
                                                                                  17.0
   [32089]
            16.7
                  16.4
                         15.9
                               15.4
                                     16.5
                                            19.4
                                                  23.0
                                                        25.7
                                                               27.2
                                                                     28.4
                                                                           29.2
                                                                                  29.9
                                                               20.6
                               28.5
                                                  21.3
                                                        20.9
                                                                     20.0
## [32101]
            30.2
                  30.2
                         29.8
                                     26.3
                                           22.4
                                                                          19.2
                                                                                  18.8
  [32113]
                  18.3
                         18.2
                               18.4
                                     19.5
                                           21.8
                                                  25.4
                                                        27.8
                                                               29.7
                                                                     31.2
                                                                           32.1
            18.5
## [32125]
            32.6
                  32.1
                         31.3
                               30.1
                                     28.2
                                           24.4
                                                  23.0
                                                        22.3
                                                               21.4
                                                                     20.6
                                                                           20.3
                                                                                  20.3
## [32137]
                  20.5
                               19.5
                                     21.2
                                            23.4
                                                  26.6
                                                        28.5
                                                               30.4
            20.4
                         20.1
                                                                     32.0
                                                                           33.1
                                                                                  33.8
            34.0
                  33.9
                                     28.8
                                            24.0
                                                  23.6
                                                        24.0
                                                               24.0
                                                                     23.5
                                                                           23.0
## [32149]
                         33.3
                               31.6
                                                                                  22.0
                                                  26.3
                                                        27.5
                                                               28.9
                                                                     30.5
## [32161]
            21.4
                  21.0
                         20.6
                               20.2
                                     20.3
                                            23.7
                                                                           31.6
                                                                                  32.2
                  32.3
                                                        23.4
                                                               22.5
## [32173]
            32.5
                         31.7
                               30.6
                                     29.0
                                            25.1
                                                  24.0
                                                                     21.4
                                                                           20.3
                                                                                  19.3
                                                        27.6
##
   [32185]
            18.7
                  18.2
                         18.1
                               17.9
                                     20.0
                                            23.5
                                                  25.7
                                                               28.9
                                                                     29.5
                                                                           30.3
                                                                                  30.9
## [32197]
                         30.0
                                     26.8
                                           24.5
                                                  23.8
                                                        22.9
                                                               21.5
                                                                     20.4
                                                                           19.7
                                                                                  19.3
            31.0
                  30.9
                               28.8
                         18.1
## [32209]
            18.7
                  18.3
                               17.8
                                     18.6
                                           20.9
                                                  23.0
                                                        24.2
                                                               25.2
                                                                     26.2
                                                                           27.1
                                                                                  27.7
## [32221]
            28.0
                  27.9
                         27.3
                               26.2
                                     24.4
                                            22.1
                                                  21.1
                                                        20.3
                                                               19.5
                                                                     18.9
                                                                           18.4
                                                                                  18.0
## [32233]
            17.8
                  17.7
                         17.5
                               17.4
                                     17.3
                                           20.4
                                                  22.8
                                                        24.2
                                                               25.5
                                                                     26.6
                                                                           27.5
                                                                                  28.2
                               26.9
                                           22.5
## [32245]
            28.6
                  28.5
                         28.0
                                     25.1
                                                  21.2
                                                        20.2
                                                               19.4
                                                                     18.6
                                                                          17.8
## [32257]
            17.3
                  17.3
                         17.2
                               17.1
                                     17.6
                                           20.0
                                                  22.0
                                                        23.6
                                                               24.9
                                                                     25.9
                                                                           26.7
                                                                                  27.5
                                           22.0
## [32269]
            28.0
                  28.0 27.5
                              26.4
                                     24.6
                                                  21.1 20.4 19.6 18.9 18.3 17.7
```

```
## [32281]
            17.7
                  17.7 17.3 16.6 17.0 19.3 21.5
                                                       23.0 24.0 24.6
                                                                          25.4
## [32293]
            26.7
                  26.6
                        26.1
                              25.2
                                     23.7
                                           21.6 20.7
                                                       19.9
                                                              19.3
                                                                   18.7
                                                                          18.1
                                           19.6
                                                       22.9
## [32305]
            17.2
                  16.9
                        16.8
                               16.6
                                     16.6
                                                21.7
                                                              24.0
                                                                    25.2
                                                                          26.4
## [32317]
                               28.6
                                           23.1
                                                       20.7
                                                              20.3
            28.5
                  29.1
                        29.2
                                     26.7
                                                 21.4
                                                                    19.7
                                                                          19.2
                                                                                19.1
## [32329]
            19.1
                  19.6
                        19.9
                               20.2
                                     21.3
                                           23.5
                                                 27.0
                                                       29.1
                                                              30.7
                                                                    31.6
                                                                          32.4
                                                                                32.8
## [32341]
            33.1
                  33.1
                        32.7
                               31.5
                                     29.1
                                          25.6
                                                 24.0
                                                       23.4
                                                              23.6
                                                                    23.3
                                                                          22.9
                                                                                21.9
                        20.4
                              19.7
                                     19.2
                                           21.3
                                                 23.3
                                                       24.7
                                                              25.9
                                                                    26.8
## [32353]
            20.9
                  20.6
                                                                          27.5
                  28.6
                        28.1
                               27.3
                                           23.3
                                                 22.3
                                                       21.5
                                                              20.7
                                                                    20.1
## [32365]
            28.6
                                     25.6
                                                                          19.3
                                                                                18.5
                                                       24.3
##
  [32377]
            17.9
                  17.6
                        17.5
                               17.3
                                     17.1
                                           20.4
                                                 22.6
                                                              25.6
                                                                    26.7
                                                                          27.4
                                                                                27.9
                                           22.3
                                                 21.2
                                                       20.3
##
  [32389]
            28.1
                  28.0
                        27.5
                               26.7
                                     25.0
                                                              19.6
                                                                    18.9
                                                                          18.3
                                                                                17.8
## [32401]
            17.2
                  16.8
                        16.6
                               16.6
                                     16.0
                                           19.3
                                                 21.9
                                                       23.4
                                                              24.7
                                                                    25.7
                                                                          26.5
                                                                                27.3
## [32413]
            27.9
                  28.0
                        27.5
                               26.3
                                     24.2
                                           21.7
                                                 20.8
                                                       20.0
                                                              19.4
                                                                    18.7
                                                                          18.1
                                                                                17.7
## [32425]
            17.4
                  17.1
                        16.7
                               16.1
                                     16.6
                                           19.6
                                                 22.5
                                                       24.4
                                                              25.8
                                                                    26.8
                                                                          28.1
                                                                                29.2
## [32437]
            30.0
                  30.1
                        29.5
                               28.3
                                           23.1
                                                       20.9
                                                              19.8
                                                                          17.8
                                     26.1
                                                 21.7
                                                                    18.7
                                                                                17.1
## [32449]
            17.0
                  16.9
                        16.9
                               16.9
                                     18.5
                                           19.5
                                                 22.7
                                                       25.0
                                                              26.7
                                                                    28.2
                                                                          29.7
                                                                                30.9
  [32461]
            31.5
                  31.7
                        31.2
                               30.2
                                     27.7
                                           24.1
                                                 22.5
                                                       21.1
                                                              20.1
                                                                    19.7
                                                                          19.0
                                                                                18.4
  [32473]
            18.0
                  17.7
                                     16.9
                                           20.0
                                                 22.9
                                                       24.7
                                                              26.4
                                                                    27.8
                                                                          29.0
##
                        17.2
                               16.9
                                                                                30.0
## [32485]
            30.5
                  30.5
                        29.8
                               28.5
                                     26.3
                                           23.5
                                                 22.2
                                                       21.3
                                                              20.4
                                                                    19.6
                                                                          18.9
## [32497]
            18.5
                  18.3
                        18.1
                              18.0
                                     18.8
                                           20.8
                                                 23.4
                                                       25.2
                                                              26.8
                                                                    28.1
                                                                          29.0
                                                                                29.9
## [32509]
            30.2
                  29.9
                        29.0
                              27.6
                                     25.4
                                           23.5
                                                 22.7
                                                       22.0
                                                              21.3
                                                                    20.6
                                                                          20.1
                                                                                19.5
                                     19.2
                                                                    27.4
                                                                          28.7
## [32521]
            19.1
                  18.6
                        18.3
                              18.3
                                           21.4
                                                 23.3
                                                       24.6
                                                              26.0
                                                                                29.5
## [32533]
            29.9
                  29.8
                        29.2
                               27.7
                                     25.4
                                           23.6
                                                 22.7
                                                       21.8
                                                              20.8
                                                                    20.1
                                                                          19.6
            18.7
## [32545]
                  18.5
                        18.3
                              18.2
                                     18.5
                                           20.5
                                                 22.8
                                                       24.4
                                                              25.2
                                                                    26.2
                                                                          27.0
                                                                                27.5
            27.6
                  27.3
                        26.4
                              25.0
                                     22.7
                                           21.1
                                                 20.4
                                                       19.6
                                                              18.9
                                                                    18.4
                                                                          17.7
##
  [32557]
                                                                                16.8
                                                 20.7
                                                       23.1
                                                              24.4
                                                                    25.8
                                                                          26.9
## [32569]
            16.6
                  16.4
                        16.1
                              15.8
                                     15.9
                                           17.9
                                                                                27.4
  [32581]
            27.7
                  28.2
                        27.9
                               26.3
                                     23.4
                                           21.7
                                                 20.9
                                                       19.8
                                                              19.1
                                                                    18.3
                                                                          17.7
                                                                                17.4
  [32593]
            17.0
                  16.2
                        16.0
                               15.9
                                     17.7
                                           19.3
                                                 21.2
                                                       23.0
                                                              24.6
                                                                    25.9
                                                                          26.8
                                                                                27.3
  [32605]
            27.5
                                     22.9
                                           21.7
                                                 21.2
                                                       20.7
                                                              20.1
##
                  27.1
                        26.4
                               25.3
                                                                    19.5
                                                                          19.5
                                                                                19.1
                                                       22.2
                                                              22.2
  [32617]
            19.0
                  19.0
                        18.5
                               18.3
                                     18.9
                                           20.4
                                                 21.3
                                                                    21.6
                                                                          21.8
                                                                                23.1
##
  [32629]
            23.2
                  25.2
                        22.6
                               20.6
                                     20.0
                                           19.0
                                                 18.9
                                                       18.7
                                                              18.7
                                                                    18.4
                                                                          18.4
                                                                                18.5
##
  [32641]
            18.3
                  18.2
                        17.2
                               18.5
                                     18.3
                                           19.2
                                                 19.6
                                                       20.6
                                                              19.2
                                                                    19.0
                                                                          18.8
                                                                                19.3
##
  [32653]
            21.2
                  21.4
                        21.5
                               21.2
                                     20.7
                                           19.7
                                                 19.9
                                                       19.0
                                                              18.2
                                                                    17.7
                                                                          17.1
                                                                                17.8
  [32665]
            16.8
                  16.3
                        15.9
                               15.4
                                     15.2
                                           16.6
                                                 18.6
                                                       20.6
                                                              22.6
                                                                    24.2
                                                                          25.4
                                                                                26.3
## [32677]
                  27.2
                        26.6
                               23.8
                                     21.7
                                           20.0
                                                 19.1
                                                       18.0
                                                             17.0
                                                                    16.3
            26.8
                                                                          15.9
                                                                                15.7
## [32689]
            15.6
                  15.5
                        15.4
                               15.0
                                     15.2
                                           17.0
                                                 20.0
                                                       22.0
                                                              23.1
                                                                    23.8
                                                                          24.5
                                                                                25.1
## [32701]
            25.5
                  25.7
                        25.2
                              24.3
                                     22.1
                                           20.2 19.3
                                                       18.6
                                                             17.9
                                                                    17.5
                                                                          16.9
                                                                                16.7
## [32713]
            16.6
                  16.6
                        17.6
                              17.4
                                     16.6
                                           18.6
                                                20.9
                                                       22.4
                                                              23.5
                                                                    24.2
                                                                          24.6
## [32725]
            24.9
                  24.4
                        23.6
                              22.4
                                     20.7
                                           19.9
                                                 19.4
                                                       18.8
                                                             18.3
                                                                   18.0
                                                                         17.6
                                                                                17.1
## [32737]
            16.9
                  16.4
                        16.2
                               15.9
                                     15.8
                                           16.9
                                                 18.9
                                                       20.3
                                                              21.1
                                                                    21.9
                                                                          22.4
                                                                                22.6
            22.7
## [32749]
                  22.7
                        22.2
                              21.0
                                     19.2
                                           18.5
                                                 18.0 17.4 16.9
                                                                   16.5 16.1
                                                                                15.8
                                                       20.1
  [32761]
                        15.1
                              14.9
                                     14.6
                                           16.0
                                                 18.2
                                                              21.4
                                                                    22.0
            15.5
                  15.3
                                                                          22.5
## [32773]
            23.0
                  22.7
                        22.0
                              20.8
                                     19.0
                                           18.4
                                                 18.0
                                                       17.3
                                                             16.6
                                                                   16.0 15.7
                                                                                15.6
## [32785]
            15.4
                  14.8
                        14.4
                              14.8
                                     14.4
                                           16.0
                                                 18.1
                                                       19.9
                                                              21.3
                                                                    22.2
                                                                          22.8
                                                                                23.3
                  23.3
                        22.7
                               21.5
                                     19.5
                                                                          16.2
## [32797]
            23.3
                                           18.8 18.4
                                                       17.9
                                                              17.2
                                                                    16.7
                                                                                15.7
                                                       20.6
                                                              22.1
  [32809]
            15.3
                  15.3
                        15.1
                               14.8
                                     14.8
                                           16.2
                                                 18.6
                                                                    22.7
                                                                          23.5
                                                                                23.9
                                                              17.7
## [32821]
            24.2
                  24.4
                        24.0
                               22.8
                                     20.6
                                           19.5
                                                 18.7
                                                       17.8
                                                                    16.6
                                                                          16.2
                                                                                16.1
##
  [32833]
            15.9
                  15.6
                        15.6
                              17.4
                                     15.2
                                           17.0
                                                 19.2
                                                       20.4
                                                              21.8
                                                                    22.4
                                                                          22.7
                                                                                23.0
  [32845]
                                                       15.6
                                                                    14.1
                                                                                13.3
            23.1
                  21.9
                        20.2
                               18.7
                                     17.1
                                           16.5
                                                 16.1
                                                              14.8
                                                                          13.6
                                                                                21.0
## [32857]
            12.9
                  12.5
                        12.4
                               12.1
                                     11.8
                                           13.8
                                                 16.7
                                                       18.6
                                                              19.7
                                                                    20.6
                                                                          21.1
## [32869]
            21.1
                  20.9
                        20.4
                               19.5
                                     17.5
                                           16.4
                                                 15.6
                                                       14.9
                                                              14.5
                                                                    14.4
                                                                          15.0
                                                                                15.0
## [32881]
            15.4
                  14.1
                        13.7
                               13.6
                                     13.5
                                           15.3
                                                 18.3
                                                       20.4
                                                              21.9
                                                                    22.9
                                                                          23.6
                                                                                24.1
## [32893]
            24.4
                  24.4
                        24.0
                              22.9
                                     20.2
                                           18.9
                                                 18.2 17.5
                                                             17.0
                                                                   16.4 15.7
                                           17.1
## [32905]
            15.0
                  14.7
                        14.5
                              14.3
                                    15.4
                                                 19.5
                                                       20.7
                                                              21.7
                                                                    22.3
                                                                          22.7
                                                                                22.8
                                          17.6 16.7 16.0 15.4 14.8 13.9
## [32917]
            22.8
                  22.8 22.3 21.2 18.9
                                                                               13.5
```

```
## [32929]
            13.1 12.9 12.8 12.6 12.2 13.9 17.1 18.6 19.6 20.5 21.2
## [32941]
            22.3
                  22.3
                        22.0
                               20.8
                                     17.4
                                           16.2 15.1
                                                        14.3
                                                              13.7
                                                                     13.4 13.5
                                                                                 13.1
                                     12.2
                                            14.0
                                                        19.5
                                                                     22.4
                                                                           23.4
## [32953]
            12.8
                  12.4
                         12.2
                               12.0
                                                  17.4
                                                              21.2
                         23.6
                               22.2
                                                  16.3
                                                              14.9
                                                                     14.2
## [32965]
            24.3
                  24.2
                                     17.8
                                            17.0
                                                        15.5
                                                                           13.4
                                                                                 13.0
## [32977]
            13.0
                  12.8
                         12.6
                               12.4
                                     12.6
                                            14.3
                                                  17.8
                                                        20.2
                                                              22.0
                                                                     23.3
                                                                           24.2
                                                                                 24.8
## [32989]
            25.1
                  25.0
                        24.3
                               22.7
                                     18.5
                                           17.1
                                                 16.9
                                                        17.0
                                                              16.9
                                                                     16.4 16.2
                                                                                 16.0
## [33001]
                         14.8
                               14.4
                                     14.7
                                           15.1
                                                  18.8
                                                        21.6
                                                              23.4
                                                                     24.9
            15.3
                  15.1
                                                                           25.6
            25.3
                  24.8
                         24.0
                               22.5
                                     19.8
                                                        16.7
                                                              16.7
                                                                     16.9
## [33013]
                                           18.6
                                                  17.3
                                                                           17.2
                                                                                 17.3
   [33025]
            17.3
                  17.3
                         17.2
                               17.2
                                     17.8
                                           19.2
                                                  21.7
                                                        23.6
                                                              24.3
                                                                     24.7
                                                                           24.0
                                                                                 25.4
            25.4
                                           19.9
                                                  19.5
                                                        19.4
                                                              19.4
   [33037]
                  25.2
                         24.7
                               23.1
                                     21.0
                                                                     19.4
                                                                           19.4
                                                                                 19.4
   [33049]
            19.2
                  19.2
                         18.3
                               16.9
                                     18.6
                                            19.2
                                                  19.8
                                                        20.0
                                                              20.1
                                                                     20.1
                                                                           19.5
  [33061]
                  19.0
                         18.6
                               18.0
                                     17.6
                                            17.7
                                                  17.5
                                                        17.5
                                                              17.2
                                                                     17.1
                                                                           16.4
                                                                                 16.4
            19.1
   [33073]
            15.1
                  14.5
                         11.4
                                9.4
                                      8.9
                                             9.0
                                                  10.0
                                                         9.4
                                                               9.0
                                                                      9.5
                                                                            9.9
                                                                                 10.2
  [33085]
             9.0
                   9.0
                                             9.3
                                                   9.5
                                                         9.7
                                                                9.7
                                                                      9.8
                                                                            9.7
                                                                                  9.7
##
                          8.7
                                9.1
                                      9.2
   [33097]
             9.5
                   9.5
                          9.1
                                9.3
                                      8.7
                                             9.3
                                                  10.1
                                                        10.9
                                                              11.8
                                                                     13.1
                                                                           14.3
                                                                                 14.9
   [33109]
            15.0
                  15.0
                         14.8
                               13.9
                                     13.0
                                            12.7
                                                  12.3
                                                        12.1
                                                              12.0
                                                                     11.9
                                                                           11.9
                                                                                 11.9
   [33121]
                               10.3
                                      8.7
                                             9.6
                                                  12.0
                                                        14.3
                                                              16.3
                                                                     18.0
                                                                           19.1
##
            11.7
                  11.6
                         11.4
                                                                                 19.5
   [33133]
            19.4
                  19.3
                         19.0
                               17.8
                                     15.5
                                            14.5
                                                  14.0
                                                        13.6
                                                              13.5
                                                                     13.4
                                                                           14.6
                  13.1
                                                        18.8
                                                                           23.0
## [33145]
                         13.2
                               13.0
                                     13.8
                                            13.9
                                                 16.2
                                                              20.6
                                                                     22.1
                                                                                 23.3
            13.2
## [33157]
            23.5
                  23.3
                         22.5
                               21.3
                                     18.5
                                            17.1
                                                  16.6
                                                        17.1
                                                              17.3
                                                                     16.9
                                                                           16.4
                                                                                 15.1
                                                                           13.0
## [33169]
            14.2
                  14.4
                         13.3
                               13.8
                                     14.6
                                            14.3
                                                  14.2
                                                        14.1
                                                              13.9
                                                                     13.5
                                                                                 13.1
## [33181]
            13.2
                  13.3
                         13.3
                               13.0
                                     12.5
                                            12.8
                                                  12.4
                                                        12.7
                                                              12.3
                                                                     12.3
                                                                           12.8
## [33193]
            12.1
                  11.7
                         11.3
                               11.1
                                     11.4
                                           11.5
                                                  13.1
                                                        14.2
                                                              13.8
                                                                     13.5
                                                                           13.4
                                                                                 13.0
## [33205]
            12.2
                  10.7
                         10.0
                                9.7
                                      9.4
                                             9.7
                                                   9.8
                                                         9.6
                                                                9.8
                                                                      9.6
                                                                            9.7
                                                                                   9.6
                                                        10.3
                                                              10.4
                                                                     10.0
                                                                            9.8
                                                                                   9.5
## [33217]
             8.3
                   7.4
                          7.1
                                6.7
                                      9.5
                                             9.5
                                                  10.3
  [33229]
             9.4
                   9.0
                          8.5
                                8.1
                                      6.7
                                             6.2
                                                   6.2
                                                         6.0
                                                                6.0
                                                                      6.0
                                                                            5.9
                                                                                   5.7
## [33241]
             5.1
                    4.7
                          4.9
                                4.9
                                      4.0
                                             4.1
                                                   4.3
                                                         4.3
                                                                4.7
                                                                      5.0
                                                                            5.3
                                                                                   5.4
## [33253]
             5.6
                   5.7
                                             5.2
                                                                5.3
                          5.5
                                5.1
                                      5.0
                                                   5.3
                                                         5.4
                                                                      5.3
                                                                            5.1
                                                                                   4.6
             4.5
## [33265]
                    4.4
                          4.3
                                      5.2
                                             5.1
                                                   5.5
                                                         5.8
                                                                6.8
                                                                      8.7
                                                                           10.7
                                                                                 12.4
                                4.1
   [33277]
            12.5
                  13.0
                         12.8
                               11.2
                                      9.9
                                             8.3
                                                   7.7
                                                         7.5
                                                                6.9
                                                                      5.9
                                                                            5.7
                                                                                   5.4
                                      5.4
   [33289]
             5.3
                   5.2
                          5.4
                                5.3
                                             6.3
                                                   9.9
                                                        12.8
                                                              14.7
                                                                     16.1
                                                                           17.1
                                                                                 17.3
##
   [33301]
            17.3
                  17.1
                         16.4
                               15.0
                                     12.8
                                            11.8
                                                  11.2
                                                        10.8
                                                              10.5
                                                                     10.4
                                                                           10.0
                                                                                  9.7
   [33313]
             9.6
                   9.5
                          9.3
                                9.3
                                      9.9
                                             9.7
                                                  11.9
                                                        14.8
                                                              16.6
                                                                     18.0
                                                                           19.2
                                                                                 19.9
                  19.8
  [33325]
            20.0
                         19.1
                               16.8
                                     14.6
                                           12.8
                                                  11.8
                                                        11.8
                                                              11.5
                                                                     11.3
                                                                           11.0
                                                                                 10.6
  [33337]
            10.2
                   9.9
                          9.6
                                9.3
                                      9.1
                                             9.0
                                                  12.1
                                                        15.2
                                                              17.2
                                                                     18.6
                                                                           19.5
                                                                                 20.0
## [33349]
            20.1
                  19.5
                        18.5
                               16.3
                                     13.5
                                           12.6 11.9
                                                        11.3
                                                              10.8
                                                                     10.2
                                                                            9.8
                                                                                  9.7
## [33361]
             9.5
                   9.4
                         10.3
                               10.6
                                     10.6
                                           11.1
                                                  13.4
                                                        14.8
                                                              16.0
                                                                     16.6
                                                                          17.2
                                                                                 17.5
## [33373]
            17.7
                  17.4
                        16.6
                               15.2
                                     13.8
                                           13.2
                                                  12.7
                                                        12.2
                                                              11.7
                                                                     11.2 11.0
                                                                                 10.7
   [33385]
            10.6
                  11.1
                         10.6
                               11.3
                                     10.7
                                            11.0
                                                  12.8
                                                        14.4
                                                              15.4
                                                                     15.7
                                                                           15.2
                                                                                 15.6
            15.7
  [33397]
                  15.5
                        15.5
                               14.3
                                     13.3
                                           13.2 13.0 12.0 11.8 11.3
                                                                           10.8
                                                                                 11.1
##
                  11.3
                                                        14.7
   [33409]
                         11.4
                               11.1
                                     11.6
                                           11.5
                                                  13.8
                                                              15.7
                                                                     16.3
            11.5
                                                                           16.8
## [33421]
            17.9
                  17.6
                        16.7
                               15.1
                                     13.9
                                           13.3
                                                 12.8 12.4
                                                              12.2
                                                                     12.7
                                                                           12.5
                                                                                 12.4
            12.4
                               11.2
                                     12.3
                                           12.2
                                                 13.6
                                                        14.8
## [33433]
                  12.0
                         11.5
                                                              15.8
                                                                     16.1
                                                                           16.6
                                                                                 16.8
## [33445]
            16.8
                  16.4
                        15.5
                               14.1
                                     13.2
                                           12.9
                                                 12.4
                                                        11.9
                                                              11.4
                                                                     11.0
                                                                           10.6
                                                                                 10.3
## [33457]
                  10.0
                                     11.0
                                                  12.2
                                                        13.9
                                                              14.1
            10.2
                          9.6
                                9.4
                                           11.0
                                                                     14.5
                                                                           14.4
                  14.2
                                                        10.5
                                                              10.3
## [33469]
            14.4
                         13.7
                               13.0
                                     12.5
                                            11.4
                                                  10.9
                                                                     10.0
                                                                            9.8
                                                                                 10.4
##
   [33481]
            10.4
                  10.3
                         10.2
                                8.8
                                      7.7
                                             8.0
                                                  10.3
                                                        12.0
                                                              12.7
                                                                     13.0
                                                                           14.1
                                                                                 14.4
  [33493]
                  13.9
                                                 10.3
                                                        10.7
                                                              10.9
                                                                      9.9
                                                                            9.6
                                                                                  9.3
            14.4
                         13.2
                               11.8
                                     11.0
                                            10.6
## [33505]
             9.1
                   9.3
                          8.1
                                7.7
                                      9.6
                                             8.7
                                                  10.7
                                                        12.1
                                                              13.2
                                                                     14.2
                                                                           14.6
                                                                                 14.6
## [33517]
            14.5
                  14.1
                         13.3
                               12.0
                                     11.2
                                            10.9
                                                  10.7
                                                        10.1
                                                               9.7
                                                                      9.1
                                                                            8.4
                                                                                  8.0
## [33529]
                   8.4
                          8.4
                                9.4
                                      7.7
                                             7.9
                                                   9.9
                                                        11.7
                                                              13.3
                                                                     13.4
                                                                           13.8
                                                                                 13.8
             8.1
## [33541]
            13.6
                  13.7
                         13.5
                               12.9
                                     11.4
                                            10.8
                                                 10.1
                                                         9.5
                                                               9.0
                                                                      8.6
                                                                            8.6
                                                                                  8.4
## [33553]
             8.3
                   8.1
                          7.9
                                7.9
                                      9.2
                                             9.2
                                                  10.1
                                                        10.9
                                                              12.1
                                                                     13.3
                                                                           13.3 13.5
## [33565]
            13.1
                  12.9 12.5 11.1
                                    10.1
                                             9.6
                                                   9.2
                                                         8.7
                                                               8.2
                                                                      7.9
                                                                            7.7
                                                                                  7.4
```

```
[33577]
              7.3
                      7.2
                            7.0
                                   6.9
                                          7.8
                                                 7.1
                                                        9.2
                                                              11.2
                                                                     12.5
                                                                            12.8
                                                                                  12.9
                                                                                          13.4
                           12.4
   [33589]
             13.3
                    13.0
                                  10.8
                                          9.5
                                                 8.8
                                                        8.4
                                                               8.1
                                                                      7.9
                                                                             7.2
                                                                                    6.7
                                                                                           6.4
##
   [33601]
              6.9
                     5.6
                            5.6
                                   5.5
                                          6.8
                                                 6.7
                                                       10.1
                                                              12.0
                                                                     12.8
                                                                            13.9
                                                                                   14.5
                                                                                          14.6
                                                                      8.2
                                                                             8.1
                                                                                           7.8
   [33613]
             14.4
                    14.1
                           13.4
                                         10.0
                                                 9.4
                                                        8.8
                                                               8.4
                                                                                    8.1
##
                                  11.6
##
   [33625]
              7.4
                     8.7
                            9.1
                                   8.8
                                          6.6
                                                 6.5
                                                        9.0
                                                              11.5
                                                                     12.9
                                                                            14.1
                                                                                   13.5
                                                                                          13.5
   [33637]
             13.2
                    13.6
                           12.8
                                  11.2
                                         10.2
                                                 9.9
                                                        9.6
                                                               9.2
                                                                      8.8
                                                                             8.4
                                                                                    8.0
##
                                                                                           7.7
                                                        8.9
                                                              11.3
                                                                     12.8
                                                                            13.1
                                                                                   13.6
   [33649]
              7.3
                      6.7
                            6.2
                                   6.1
                                          6.7
                                                 6.5
                                                                                          13.6
                                                                             7.4
                                                                                    7.0
##
   [33661]
             13.6
                    13.4
                           12.7
                                  12.0
                                         11.9
                                                11.5
                                                        9.9
                                                               8.9
                                                                      8.1
                                                                                           6.8
##
   [33673]
              6.7
                      6.5
                            6.3
                                   6.2
                                          6.1
                                                 5.7
                                                        8.2
                                                              10.6
                                                                     12.8
                                                                            13.8
                                                                                   14.3
                                                                                          14.4
                                                                                    9.5
                                                                                           9.5
##
   [33685]
             14.3
                    13.7
                           12.8
                                  10.9
                                          9.8
                                                 9.0
                                                        8.7
                                                               8.8
                                                                      8.8
                                                                             9.6
   [33697]
              9.5
                     9.3
                            9.3
                                   8.9
                                          7.5
                                                 7.3
                                                       10.2
                                                              12.2
                                                                     13.3
                                                                            14.1
                                                                                   14.5
                                                                                          14.7
   [33709]
             14.5
                    14.3
                           13.7
                                  11.8
                                         10.6
                                                10.0
                                                        9.8
                                                               9.4
                                                                      9.2
                                                                             9.1
                                                                                    8.8
                                                                                           8.7
##
##
   [33721]
              8.9
                     9.3
                            9.2
                                   9.2
                                          9.9
                                                 9.9
                                                       11.3
                                                              12.4
                                                                     13.4
                                                                            14.1
                                                                                   14.5
                                                                                          14.8
                                  12.8
   [33733]
                                                       11.4
                                                              11.6
                                                                     11.3
                                                                                   10.2
##
             15.0
                    14.5
                           13.9
                                         12.3
                                                11.7
                                                                            11.0
                                                                                           9.9
   [33745]
              9.7
                     9.5
                            9.5
                                   9.3
                                         10.7
                                                10.5
                                                       11.3
                                                              12.6
                                                                     13.3
                                                                            13.7
                                                                                   13.9
                                                                                          13.9
   [33757]
             13.6
                    13.1
                           12.3
                                  10.8
                                         10.1
                                                 9.5
                                                        8.9
                                                               8.5
                                                                      8.3
                                                                             8.0
                                                                                    7.8
                                                                                           7.5
   [33769]
              7.2
                      6.9
                            6.7
                                          8.2
                                                 7.2
                                                        8.6
                                                              10.1
                                                                                   12.3
                                                                                          12.6
##
                                   6.6
                                                                     11.3
                                                                            11.9
   [33781]
             12.8
                    12.7
                           12.2
                                  10.4
                                          9.6
                                                 9.1
                                                        8.6
                                                               8.2
                                                                      7.9
                                                                             7.3
                                                                                    6.8
                                                                                           6.4
   [33793]
                            5.4
                                                              10.9
                                                                     13.0
                                                                            14.9
                                                                                          16.8
##
              6.1
                     5.7
                                   5.0
                                          6.3
                                                 6.4
                                                        8.2
                                                                                   16.4
##
   [33805]
             16.9
                    16.4
                           15.4
                                  12.9
                                         11.8
                                                11.1
                                                       10.6
                                                              10.3
                                                                     10.0
                                                                            10.0
                                                                                   10.2
                                                                                          10.7
##
   [33817]
             10.7
                    10.5
                           10.4
                                  10.2
                                          9.7
                                                 9.7
                                                       11.2
                                                              12.9
                                                                     13.8
                                                                            14.3
                                                                                   14.3
                                                                                          14.2
   [33829]
             13.7
                    13.2
                           12.8
                                  12.2
                                         11.8
                                                11.4
                                                       10.9
                                                              10.5
                                                                     10.0
                                                                             9.7
                                                                                    9.5
                                                                                           8.9
##
   [33841]
                     8.4
                            8.1
                                   7.8
                                          8.6
                                                 8.3
                                                        9.1
                                                               9.9
                                                                     10.1
                                                                                   12.1
                                                                                          12.3
##
              8.4
                                                                            11.5
                                          7.7
   [33853]
             11.7
                    11.3
                           10.6
                                                        5.3
                                                               4.7
                                                                      5.1
                                                                             4.2
                                                                                           4.2
##
                                   8.8
                                                 6.4
                                                                                    4.0
##
   [33865]
              3.7
                      2.9
                            2.5
                                   2.5
                                          2.4
                                                 2.4
                                                        3.5
                                                               5.0
                                                                      6.7
                                                                             8.6
                                                                                    8.6
                                                                                           8.9
   [33877]
              8.8
                      8.8
                            8.5
                                   7.6
                                          7.3
                                                 6.2
                                                        6.4
                                                               6.1
                                                                      5.8
                                                                             5.7
                                                                                    5.4
                                                                                           4.4
   [33889]
              4.2
                      4.0
                            3.9
                                   2.9
                                          2.7
                                                 2.4
                                                        2.6
                                                               3.8
                                                                      5.0
                                                                             6.5
                                                                                    8.3
                                                                                           9.1
##
   [33901]
              9.7
##
                      9.6
                            8.8
                                   7.6
                                          7.1
                                                 7.3
                                                        7.1
                                                               6.8
                                                                      6.4
                                                                             6.3
                                                                                    6.2
                                                                                           6.1
   [33913]
              6.2
                      6.1
                                   6.1
                                                 6.0
                                                        6.7
                                                               7.8
                                                                      8.7
                                                                             9.4
                                                                                   10.0
                                                                                          10.8
##
                            6.1
                                          6.1
   [33925]
             10.3
                    10.0
                            9.7
                                   8.6
                                          8.2
                                                 7.8
                                                        7.4
                                                               7.3
                                                                      7.2
                                                                             7.0
                                                                                    7.0
                                                                                           7.0
##
   [33937]
              6.8
                      6.5
                            6.3
                                   5.7
                                          3.5
                                                 3.4
                                                        4.2
                                                               5.8
                                                                      7.5
                                                                             8.9
                                                                                   10.1
                                                                                          10.2
##
   [33949]
             10.5
                    10.1
                            9.4
                                   8.1
                                          7.5
                                                 6.8
                                                        6.0
                                                               5.6
                                                                      5.2
                                                                             4.8
                                                                                    4.6
                                                                                           4.5
##
   [33961]
              4.5
                      4.2
                            3.9
                                   3.7
                                          4.3
                                                 4.3
                                                        5.5
                                                               7.2
                                                                      8.8
                                                                            10.0
                                                                                   10.7
                                                                                          11.0
                                                                                    4.6
##
   [33973]
                      9.7
                            8.8
                                   7.1
                                                               5.7
                                                                      5.4
                                                                             5.2
                                                                                           3.9
             10.6
                                          6.5
                                                 6.2
                                                        6.0
   [33985]
              3.6
                      4.7
                            5.3
                                   4.5
                                          4.0
                                                 3.7
                                                        4.5
                                                               5.9
                                                                      7.2
                                                                             8.4
                                                                                    9.2
                                                                                           9.6
##
                                                                      4.0
   [33997]
              9.9
                      9.7
                            8.9
                                   7.3
                                                        5.3
                                                               4.6
                                                                             3.6
                                                                                    3.2
                                                                                           2.8
##
                                          6.6
                                                 6.1
   [34009]
              2.3
                      1.9
                             1.5
                                   1.3
                                          0.8
                                                 0.9
                                                        3.2
                                                               5.5
                                                                      7.4
                                                                             8.6
                                                                                    9.3
                                                                                           9.7
   [34021]
              9.5
                      9.1
                            8.1
                                   6.0
                                          5.1
                                                 4.5
                                                        4.0
                                                               3.6
                                                                      3.4
                                                                             3.1
                                                                                    2.7
                                                                                           2.4
##
   [34033]
              2.2
                      1.9
                            1.8
                                          2.7
                                                 2.3
                                                        4.3
                                                               7.1
                                                                      8.5
                                                                             9.6
                                                                                   10.1
                                                                                          10.2
##
                                   1.6
   [34045]
             10.1
                      9.8
                            9.0
                                   6.9
                                          6.2
                                                 5.7
                                                        5.2
                                                               4.8
                                                                      4.6
                                                                             4.6
                                                                                    4.5
                                                                                           4.5
##
   [34057]
                                                        7.6
                                                               8.9
                                                                      9.8
                                                                            11.1
                                                                                   11.6
                                                                                          11.8
              4.6
                      6.1
                            6.1
                                   6.1
                                          6.0
                                                 6.3
   [34069]
             11.6
                    11.0
                           10.0
                                   8.1
                                          7.6
                                                 7.4
                                                        7.3
                                                               7.2
                                                                      7.9
                                                                             7.7
                                                                                    7.5
                                                                                           7.5
##
   [34081]
                                                                     10.2
##
              7.3
                     7.0
                            6.6
                                   6.2
                                          6.9
                                                 6.8
                                                        7.8
                                                               8.9
                                                                            11.0
                                                                                   11.1
                                                                                          11.3
   [34093]
                    10.9
                                                                                    5.5
##
             11.3
                           10.0
                                   8.1
                                          7.2
                                                 6.6
                                                        6.4
                                                               8.6
                                                                      6.8
                                                                             5.9
                                                                                           6.0
   [34105]
                                                                                          12.2
              6.7
                      6.7
                            6.8
                                   6.8
                                          4.9
                                                 6.0
                                                        7.7
                                                               9.0
                                                                      9.9
                                                                            10.7
                                                                                   11.6
                                          7.1
   [34117]
             12.5
                    12.3
                           11.3
                                   8.5
                                                 6.4
                                                        6.2
                                                               6.4
                                                                      6.5
                                                                             6.7
                                                                                    6.5
                                                                                           6.5
##
##
   [34129]
              6.5
                      6.2
                            5.2
                                   6.0
                                          4.5
                                                 4.3
                                                        5.9
                                                               8.9
                                                                     10.4
                                                                            11.2
                                                                                   11.6
                                                                                          11.6
                    10.9
                           10.0
                                          7.9
                                                        7.7
                                                               7.5
                                                                      7.4
                                                                                    7.3
                                                                                           7.2
##
   [34141]
             11.4
                                   8.3
                                                 7.7
                                                                             7.4
   [34153]
              7.0
                      6.8
                            6.8
                                   6.9
                                          7.4
                                                 7.0
                                                        7.3
                                                               8.4
                                                                      9.6
                                                                            10.9
                                                                                   11.1
                                                                                          11.4
   [34165]
             11.3
                    11.1
                           10.6
                                   9.1
                                          8.6
                                                 7.8
                                                        7.1
                                                               7.3
                                                                      6.7
                                                                             6.4
                                                                                    6.2
                                                                                           6.0
   [34177]
                      4.5
                                   3.6
                                                 4.6
                                                        5.7
                                                                      7.7
                                                                             8.3
                                                                                    8.6
##
              5.1
                            4.1
                                          4.6
                                                               6.8
                                                                                           8.9
## [34189]
              8.7
                      8.4
                            7.7
                                   6.4
                                          6.1
                                                 5.6
                                                        5.2
                                                               5.8
                                                                      5.5
                                                                             4.7
                                                                                    5.3
                                                                                           5.2
## [34201]
              5.0
                      4.7
                            4.6
                                   4.3
                                          2.8
                                                 3.0
                                                        4.0
                                                               5.8
                                                                      7.0
                                                                             7.8
                                                                                    8.0
                                                                                           8.2
## [34213]
              8.3
                      7.8
                             6.9
                                   4.9
                                          4.1
                                                 3.8
                                                        3.5
                                                               4.8
                                                                      5.4
                                                                             5.3
                                                                                    5.5
                                                                                           4.9
```

##	[34225]	2.7	2.1	1.9	1.8	2.8	2.5	3.4	5.4	7.1	7.9	8.6	8.9
##	[34237]	8.8	8.4	7.3	5.2	4.4	3.8	3.4	3.8	3.7	3.5	3.3	3.2
##	[34249]	3.1	3.0	2.9	2.9	3.7	3.2	4.0	6.2	8.9	10.7	12.1	12.9
##	[34261]	13.4	13.4	12.7	10.4	9.5	8.9	8.5	7.7	7.0	6.1	5.7	5.1
##	[34273]	4.9	4.8	5.4	6.0	5.6	6.2	7.6	9.5	10.8	11.6	12.1	12.1
##	[34285]	11.7	11.0	10.0	8.5	8.0	7.4	6.8	6.0	5.4	5.2	4.8	4.9
##	[34297]	4.8	5.0	4.7	5.4	3.0	3.3	4.2	6.8	8.7	10.0	10.9	11.2
##	[34309]	11.0	10.5	9.6	7.2	6.4	5.8	5.3	5.0	4.9	4.5	4.2	3.8
##	[34321]	3.4	2.8	2.6	2.4	3.1	2.9	4.3	7.3	9.5	11.0	12.0	12.8
##	[34333]	13.1	12.8	11.5	7.8	6.3	6.5	6.1	5.5	4.7	4.7	4.4	4.0
##	[34345]	3.6	3.4	3.2	3.1	2.6	2.5	4.3	7.5	9.8	11.3	12.0	12.0
##	[34357]	12.0	11.7	10.7	7.8	6.8	7.1	6.7	6.4	5.8	5.9	5.4	4.9
##	[34369]	4.6	4.6	4.5	4.5	5.8	5.5	6.0	7.8	10.8	12.8	14.3	15.1
##	[34381]	15.3	14.8	13.4	10.9	10.0	9.3	8.9	8.3	7.7	7.4	7.2	7.1
##	[34393]	7.0	6.6	5.6	5.6	6.4	6.2	7.9	11.4	13.9	15.3	16.4	17.1
##	[34405]	16.8	16.3	15.2	13.3	12.4	11.4	10.9	10.7	10.8	10.8	10.9	10.9
##	[34417]	10.9	10.8	10.7	10.6	10.8	11.2	12.1	14.3	15.9	16.7	17.2	17.4
##	[34429]	17.3	16.8	15.9	14.4	13.9	13.3	13.0	12.8	12.8	13.0	12.9	12.7
##	[34441]	12.7	12.7	12.7	12.7	13.7	14.0	14.7	16.1	17.2	17.9	18.0	18.0
##	[34453]	17.8	17.3	16.4	15.5	15.2	15.3	15.2	15.2	15.1	15.1	14.8	14.3
##	[34465]	14.4	13.6	14.3	14.2	12.0	12.5	12.9	13.8	14.8	15.1	15.0	14.3
##	[34477]	13.6	11.2	10.1	9.5	9.4	8.7	8.5	8.1	7.5	7.4	7.7	7.7
##	[34489]	6.9	6.3	5.7	5.5	4.4	4.1	4.5	6.6	8.3	9.7	11.0	12.1
##	[34501]	12.6	12.4	11.1	8.7	9.4	10.4	8.7	8.0	6.4	5.9	4.6	3.7
##	[34513]	3.9	3.7	3.6	3.3	4.3	4.3	4.8	6.4	8.6	9.6	9.9	10.2
##	[34525]	10.2	9.9	8.9	7.1	6.5	6.2	5.9	5.6	5.1	4.7	4.4	4.1
##	[34537]	3.9	3.3	3.0	3.1	3.6	3.4	3.7	6.4	9.3	11.3	12.4	13.1
##	[34549]	13.4	12.9	12.0	9.9	8.6	7.4	7.2	7.4	7.5	8.2	8.7	8.7
##	[34561]	8.3	8.0	7.9	8.3	7.0	7.2	8.5	11.3	13.5	14.9	15.9	16.7
##	[34573]	17.0	16.8	15.9	13.9	12.5	11.6	11.3	10.8	10.5	10.6	11.0	11.3
##	[34585]	11.2	11.1	10.7	10.1	10.9	10.4	10.1	12.1	14.5	16.4	17.3	17.7
##	[34597]	17.7	17.3	16.4	13.5	12.9	11.9	11.2	11.0	10.8	10.6	10.6	10.8
##	[34609]	11.0	10.7	10.3	10.3	9.8	10.9	11.7	14.1	15.8	16.9	17.4	17.4
##	[34621]	17.2	16.7	15.7	13.8	12.8	11.8	11.2	10.9	10.8	11.0	10.8	11.0
##	[34633]	10.8	11.1	10.6	10.9	10.3	10.2	10.2	12.2	14.9	15.1	15.5	15.4
##	[34645]	15.3	15.6	14.8	12.4	11.6	11.0	10.6	10.4	10.1	9.6	9.7	10.0
##	[34657]	9.9	10.0	9.9	9.2	9.4	8.9	9.3	11.1	13.6	15.4	16.5	17.0
	[34669]	17.0	16.9	16.2	13.7	12.7	11.5	10.8	10.4	10.6	10.8	10.7	11.0
	[34681]	11.1	11.5	11.3	11.1	11.1	11.1	12.5	13.8	13.3	12.6	11.7	12.2
	[34693]	11.0	11.6	11.5	9.4	8.9	8.8	8.5	7.9	7.4	6.8	6.7	7.3
	[34705]	7.8	8.7	9.7	10.0	10.8	10.6	10.7	12.3	14.0	15.6		17.5
	[34717]	17.2	16.6	15.9	14.9	14.6	14.3	14.4	14.4	14.5	13.5		12.0
	[34729]	11.9	12.5	12.9	10.2	13.4	12.9	13.0	14.2	13.7	11.3	11.5	11.3
	[34741]	11.2	11.1	10.8	10.2	9.7	9.3	9.1	8.7	8.7	8.9	8.9	8.9
	[34753]	8.9	8.7	8.3	7.9	7.8	8.1	8.7	9.7	12.4	16.0	16.3	15.3
	[34765]	15.2	15.0	14.3	14.1	13.5	13.7	13.7	13.5	13.5	13.4		12.9
	[34777]	12.7	12.6	12.7	12.5	11.8	11.9	12.4	12.6	12.7	12.6	12.6	12.8
	[34789]	12.7	12.0	11.9	11.4	11.2	11.4	11.2	10.9	10.3	10.2	10.2	10.0
	[34801]	9.7	9.6	8.6	8.1	9.8	9.5	8.5	9.6	10.4	11.0	11.5	11.0
	[34813]	11.5	11.3	10.5	8.8	8.4	8.1	7.9	7.2	6.1	6.2	5.8	6.6
	[34825]	6.8	7.0	7.2	7.6	7.3	7.3	7.4	8.2	9.9	11.3	13.0	14.3
	[34837]	13.8	12.2	11.2	11.2	10.5	10.0	9.6	9.6	9.5	9.4	9.5	9.4
	[34849]	9.3	6.6	5.4	4.5	4.2	4.0	3.5	3.4	3.4	2.9	2.6	2.5
##	[34861]	2.7	2.3	2.0	2.0	1.7	1.3	1.0	0.8	0.4	-0.1	-0.5	-0.8

```
## [34873]
             -1.0
                    -1.2 -1.4 -1.5 -1.3 -1.5
                                                      -1.2
                                                               0.3
                                                                      1.6
                                                                             2.7
                                                                                    3.5
                                                                                           4.0
                                                                                   -1.7
   [34885]
              4.2
                      4.1
                            3.4
                                         -0.1
                                                -0.4
                                                       -0.7
                                                              -1.0
                                                                                          -1.8
##
                                   1.1
                                                                     -1.3
                                                                            -1.6
   [34897]
             -2.0
                    -2.2
                           -2.4
                                  -2.6
                                         -2.3
                                                -2.4
                                                       -1.8
                                                               0.1
                                                                      1.5
                                                                             2.5
                                                                                    3.2
                                                                                           3.7
   [34909]
                                  -0.2
              3.6
                     3.3
                            2.5
                                         -0.5
                                                -0.6
                                                       -0.5
                                                              -0.1
                                                                     -0.2
                                                                            -0.6
                                                                                   -0.9
                                                                                          -1.0
##
##
   [34921]
             -1.0
                    -0.9
                           -0.9
                                  -0.8
                                         -1.0
                                                -1.0
                                                       -0.3
                                                               2.0
                                                                      3.7
                                                                             4.9
                                                                                    5.7
                                                                                           5.8
   [34933]
              6.0
                      6.1
                            5.4
                                   3.8
                                          3.3
                                                 2.5
                                                               1.2
                                                                      0.8
                                                                             0.4
                                                                                    0.4
                                                                                           0.1
##
                                                        1.7
   [34945]
              0.1
                      0.2
                            0.3
                                    0.4
                                          1.7
                                                 1.5
                                                        1.3
                                                               3.2
                                                                      4.8
                                                                             6.0
                                                                                    6.8
                                                                                           7.2
                                                               4.7
                                                                      3.2
##
   [34957]
              7.0
                      6.7
                            6.0
                                   4.4
                                          3.7
                                                 3.4
                                                        4.0
                                                                             3.1
                                                                                    3.3
                                                                                           3.0
##
   [34969]
              2.8
                      2.7
                            2.4
                                    2.3
                                          2.1
                                                 3.0
                                                        3.1
                                                               4.9
                                                                      5.9
                                                                             6.7
                                                                                    7.3
                                                                                           7.5
                                                                                           3.4
##
   [34981]
              7.4
                      7.0
                            6.2
                                    4.6
                                          4.0
                                                 3.6
                                                        3.3
                                                               3.2
                                                                      3.5
                                                                             3.0
                                                                                    2.7
   [34993]
              2.9
                      2.8
                            3.1
                                    3.4
                                          3.9
                                                 3.8
                                                        3.9
                                                               4.6
                                                                      5.1
                                                                             5.5
                                                                                    6.1
                                                                                           6.5
   [35005]
              6.5
                            5.7
                                    3.5
                                          2.7
                                                 2.2
                                                                                    1.9
                                                                                           1.8
##
                      6.4
                                                        2.0
                                                               1.8
                                                                      1.8
                                                                             1.8
##
   [35017]
              1.7
                      1.4
                            1.7
                                    1.9
                                          4.1
                                                 4.3
                                                        4.6
                                                               6.4
                                                                      8.4
                                                                             9.5
                                                                                   10.5
                                                                                          11.0
   [35029]
##
             11.3
                     11.3
                            10.8
                                   8.3
                                          7.9
                                                 7.2
                                                        6.9
                                                               6.8
                                                                      6.5
                                                                             6.2
                                                                                    6.0
                                                                                           5.5
   [35041]
                      4.8
                            4.3
                                    4.3
                                                        6.0
                                                               6.5
                                                                      7.4
                                                                             8.8
                                                                                   10.3
                                                                                          11.4
##
              5.1
                                          5.8
                                                 6.0
   [35053]
             11.6
                      9.6
                            5.4
                                    3.8
                                          3.4
                                                 3.0
                                                        2.9
                                                               2.9
                                                                      2.8
                                                                             2.8
                                                                                    2.9
                                                                                           3.0
   [35065]
              3.0
                      2.5
                                                 2.5
                                                                                    6.3
                                                                                           7.1
##
                            2.8
                                    2.5
                                          2.7
                                                        2.2
                                                               3.1
                                                                      4.2
                                                                             5.4
   [35077]
              7.4
                      7.2
                            6.6
                                    5.0
                                          4.1
                                                 3.5
                                                        2.8
                                                               2.1
                                                                      1.4
                                                                             0.7
                                                                                    0.1
                                                                                          -0.2
                           -0.2
                                                               3.0
   [35089]
             -0.4
                    -0.3
                                                                      4.9
                                                                                    7.2
                                                                                           7.6
##
                                  -0.1
                                         -0.1
                                                 0.2
                                                        0.4
                                                                             6.4
##
   [35101]
              7.7
                     7.6
                            6.9
                                   4.4
                                          2.6
                                                 2.1
                                                        2.4
                                                               2.8
                                                                      2.4
                                                                             2.2
                                                                                    2.0
                                                                                           2.1
##
   [35113]
              2.1
                      2.3
                            2.2
                                   2.4
                                          3.5
                                                 3.5
                                                        3.8
                                                               5.3
                                                                      7.4
                                                                             8.9
                                                                                   10.2
                                                                                          11.1
   [35125]
             11.3
                    11.0
                           10.1
                                    8.1
                                          7.6
                                                 7.0
                                                        6.5
                                                                      5.6
                                                                             5.3
                                                                                    5.0
                                                                                           4.6
##
                                                               6.1
   [35137]
              4.4
                      4.2
                            4.2
                                                                      8.7
                                                                            10.3
                                                                                   11.5
                                                                                          12.1
##
                                    4.3
                                          5.4
                                                 5.4
                                                        5.4
                                                               6.5
   [35149]
             12.4
                    12.1
                           11.2
                                          8.2
                                                 7.3
                                                        6.7
                                                               6.3
                                                                      6.8
                                                                             5.5
                                                                                    5.1
                                                                                           4.8
##
                                   8.9
              4.0
                                                                            12.0
                                                                                   12.2
                                                                                          12.3
##
   [35161]
                      4.0
                            4.3
                                    4.4
                                          4.9
                                                 5.5
                                                        6.2
                                                               8.9
                                                                     10.2
   [35173]
             12.3
                    12.0
                           11.6
                                  10.4
                                          9.8
                                                 9.5
                                                        9.3
                                                               8.2
                                                                      8.2
                                                                             8.3
                                                                                    8.5
                                                                                           9.1
   [35185]
              9.3
                     9.4
                           10.0
                                  10.4
                                         11.4
                                                11.5
                                                       11.7
                                                              12.6
                                                                     12.9
                                                                            13.0
                                                                                   13.2
                                                                                          13.0
##
   [35197]
                    12.5
##
             12.2
                           12.8
                                  12.6
                                         12.3
                                                12.2
                                                       12.5
                                                              11.7
                                                                     11.4
                                                                            10.8
                                                                                   10.3
                                                                                           9.7
   [35209]
              8.8
                     7.6
                            7.3
                                   7.6
                                          9.8
                                                11.0
                                                       10.6
                                                                            11.6
                                                                                   11.9
                                                                                          11.7
##
                                                              11.1
                                                                     11.4
   [35221]
             11.2
                    11.1
                           10.8
                                   7.7
                                          6.7
                                                 6.1
                                                        5.5
                                                               4.9
                                                                      4.4
                                                                             4.3
                                                                                    4.0
                                                                                           3.9
                                                                                    7.1
##
   [35233]
              3.8
                      3.8
                            3.7
                                    3.3
                                          3.8
                                                 3.6
                                                        3.7
                                                               4.7
                                                                      5.6
                                                                             6.4
                                                                                           7.6
##
   [35245]
              7.8
                      7.7
                            7.0
                                    6.2
                                          5.7
                                                 5.5
                                                        5.4
                                                               5.2
                                                                      5.3
                                                                             5.4
                                                                                    5.2
                                                                                           5.1
##
   [35257]
              5.0
                      4.9
                             4.8
                                    4.7
                                          4.8
                                                 4.6
                                                        4.8
                                                               5.5
                                                                      6.4
                                                                             6.5
                                                                                    6.9
                                                                                           7.3
   [35269]
                            7.8
                                                                      3.5
                                                                             3.7
                                                                                    2.8
                                                                                           2.2
              8.2
                      8.3
                                    6.0
                                          4.6
                                                 3.9
                                                        3.5
                                                               3.4
##
   [35281]
              1.6
                      1.0
                            0.7
                                   2.0
                                          0.0
                                                -0.2
                                                        0.1
                                                               2.7
                                                                      4.5
                                                                             5.6
                                                                                    6.4
                                                                                           6.9
##
   [35293]
              7.0
                                   4.4
                                          3.5
                                                 4.6
                                                                      3.5
                                                                             3.4
                                                                                    3.2
                                                                                           2.6
##
                      6.8
                            6.1
                                                        4.3
                                                               4.1
   [35305]
              2.0
                      1.9
                            2.0
                                    1.9
                                          2.2
                                                 1.9
                                                        1.7
                                                               2.4
                                                                      2.9
                                                                             3.8
                                                                                    5.2
                                                                                           5.6
   [35317]
              6.3
                      6.6
                            6.3
                                   5.4
                                          4.7
                                                 4.2
                                                        3.5
                                                               2.8
                                                                      2.5
                                                                             2.3
                                                                                    2.2
                                                                                           2.1
##
   [35329]
              1.8
                      0.9
                            0.6
                                   0.3
                                         -0.4
                                                -0.7
                                                       -0.6
                                                               1.8
                                                                      3.7
                                                                             5.0
                                                                                    5.9
                                                                                           6.7
##
   [35341]
              7.2
                      7.4
                                   6.2
                                          4.5
                                                 4.2
                                                        3.8
                                                               3.4
                                                                             2.8
                                                                                    2.6
                                                                                           2.5
##
                            7.1
                                                                      3.1
   [35353]
              2.4
                      2.3
                                                               3.9
                                                                             7.8
                                                                                           9.3
##
                            2.1
                                   2.1
                                          2.2
                                                 2.0
                                                        1.9
                                                                      6.2
                                                                                    8.8
   [35365]
              9.3
                      9.1
                            8.7
                                   7.9
                                          7.6
                                                 7.7
                                                        7.6
                                                               7.0
                                                                      6.6
                                                                             6.4
                                                                                    6.1
                                                                                           6.0
##
   [35377]
##
              5.9
                      5.7
                            5.8
                                   5.8
                                          5.5
                                                 5.5
                                                        6.0
                                                               7.8
                                                                      9.4
                                                                             4.6
                                                                                    3.5
                                                                                           2.8
##
   [35389]
              1.5
                      1.1
                             1.1
                                    1.2
                                          1.4
                                                 1.2
                                                        1.5
                                                               1.7
                                                                      2.4
                                                                             1.2
                                                                                    0.4
                                                                                          -0.2
   [35401]
                    -0.3
                                  -0.1
             -0.6
                            0.1
                                          0.5
                                                 0.1
                                                       -0.2
                                                               2.8
                                                                      4.4
                                                                             5.2
                                                                                    5.4
                                                                                           5.5
                      5.5
                                                                      2.0
   [35413]
              5.4
                            5.1
                                   3.1
                                          1.9
                                                 2.4
                                                        2.8
                                                               2.5
                                                                                    1.1
                                                                                           0.7
##
                                                                             1.8
##
   [35425]
              0.1
                    -0.4
                           -0.9
                                  -1.2
                                         -0.7
                                                -0.4
                                                       -0.5
                                                               1.1
                                                                      2.4
                                                                             3.1
                                                                                    3.7
                                                                                           4.2
   [35437]
              4.2
                      3.8
                                    2.6
                                                -0.9
                                                                     -1.5
                                                                                   -2.0
                                                                                          -2.3
##
                            3.2
                                          0.2
                                                       -0.4
                                                              -0.7
                                                                            -1.8
   [35449]
             -2.1
                    -2.1
                           -2.0
                                  -2.1
                                         -3.1
                                                -2.9
                                                       -2.0
                                                               0.0
                                                                      1.4
                                                                             2.2
                                                                                    2.8
                                                                                           3.3
   [35461]
              3.5
                     3.4
                            3.0
                                   1.1
                                         -0.3
                                                -1.2
                                                       -1.4
                                                              -1.5
                                                                     -1.5
                                                                            -1.3
                                                                                   -1.2
                                                                                          -1.1
   [35473]
             -1.2
                           -1.6
                                  -1.5
                                         -2.0
                                                -1.9
                                                       -1.4
                                                                      3.3
                                                                             4.5
                                                                                    4.3
                                                                                           4.3
##
                    -1.6
                                                               1.5
   [35485]
              4.4
                      4.6
                            4.1
                                   1.8
                                          0.8
                                                -0.3
                                                       -0.6
                                                              -0.7
                                                                     -1.0
                                                                            -1.4
                                                                                   -1.7
                                                                                          -1.9
   [35497]
             -2.1
                    -2.2
                           -2.2
                                  -2.0
                                         -2.3
                                                -2.1
                                                       -1.5
                                                               1.2
                                                                      2.8
                                                                             3.7
                                                                                    4.4
                                                                                           5.0
## [35509]
              5.2
                      5.4
                            5.0
                                   4.0
                                          2.6
                                                 2.0
                                                        1.3
                                                               1.7
                                                                      1.4
                                                                             3.0
                                                                                    3.1
                                                                                           3.2
```

```
[35521]
              3.7
                      4.1
                            4.3
                                   4.6
                                          4.7
                                                 5.0
                                                        4.4
                                                               5.9
                                                                      7.8
                                                                             9.2
                                                                                    9.8
                                                                                           9.5
   [35533]
                                          9.1
                                                                             8.3
             10.3
                    10.1
                            9.9
                                                 8.7
                                                        8.4
                                                               8.4
                                                                                    9.0
                                                                                           9.6
##
                                   8.8
                                                                      8.3
   [35545]
              8.4
                      9.1
                            9.3
                                    9.0
                                          8.7
                                                 9.1
                                                        9.4
                                                              11.7
                                                                     12.6
                                                                            10.8
                                                                                   12.2
                                                                                           8.5
   [35557]
              4.8
                     5.5
                            6.3
                                   5.7
                                          4.5
                                                 4.0
                                                        3.0
                                                               2.4
                                                                      1.3
                                                                             0.7
                                                                                    1.2
                                                                                           1.2
##
##
   [35569]
              1.5
                      1.3
                            1.3
                                   1.0
                                          1.5
                                                 1.6
                                                        1.6
                                                               3.9
                                                                      6.1
                                                                             7.8
                                                                                    8.5
                                                                                           8.9
   [35581]
              8.9
                      8.9
                            8.8
                                   7.5
                                          6.4
                                                 7.2
                                                        5.4
                                                               4.4
                                                                      4.0
                                                                             3.5
                                                                                    3.3
                                                                                           3.2
##
   [35593]
              3.3
                                                               7.9
                                                                     10.4
                                                                            12.3
                                                                                   13.8
                      3.4
                             3.7
                                    4.0
                                          3.9
                                                 4.3
                                                        5.0
                                                                                          14.4
                    14.2
                                                        7.7
                                                               7.6
                                                                      7.1
                                                                             6.8
##
   [35605]
             14.5
                           13.5
                                  11.7
                                          9.6
                                                 8.2
                                                                                    6.8
                                                                                           7.3
##
   [35617]
              7.5
                     7.4
                            6.8
                                    6.5
                                          5.6
                                                 5.3
                                                        5.8
                                                               8.0
                                                                     11.2
                                                                            12.6
                                                                                   13.5
                                                                                          14.0
                                                                                    9.7
                                                                                          10.7
##
   [35629]
             14.1
                    13.4
                           11.3
                                  10.7
                                          9.8
                                                 9.2
                                                        9.0
                                                               8.9
                                                                      9.0
                                                                             9.6
   [35641]
             10.9
                    10.5
                           10.2
                                   9.4
                                          8.4
                                                 8.9
                                                        9.5
                                                              10.7
                                                                     11.6
                                                                            11.5
                                                                                   12.0
                                                                                          12.2
   [35653]
             12.1
                    12.0
                           11.5
                                  10.9
                                          9.9
                                                 9.1
                                                               8.9
                                                                      8.8
                                                                             9.1
                                                                                    8.5
                                                                                           8.5
##
                                                        8.8
##
   [35665]
              8.1
                     7.7
                            7.9
                                   7.4
                                          7.6
                                                 5.8
                                                        5.5
                                                               6.3
                                                                      7.2
                                                                             8.6
                                                                                    8.7
                                                                                           8.8
   [35677]
                                  -1.0
                                                              -2.2
                                                                     -2.3
                                                                            -2.7
                                                                                   -3.0
##
              7.7
                      3.1
                            0.4
                                         -1.8
                                                -2.1
                                                       -2.1
                                                                                          -3.4
   [35689]
             -3.7
                    -3.7
                           -3.6
                                  -3.7
                                         -4.4
                                                -5.1
                                                       -5.2
                                                              -4.0
                                                                     -2.3
                                                                            -1.0
                                                                                   -0.1
                                                                                           0.0
   [35701]
              0.1
                    -0.2
                           -0.9
                                  -2.4
                                         -3.7
                                                -4.2
                                                       -4.5
                                                              -4.5
                                                                     -4.2
                                                                            -4.3
                                                                                   -4.7
                                                                                          -5.1
             -5.3
                    -5.4
                           -5.6
                                  -5.8
                                         -4.6
                                                -4.6
                                                       -4.0
                                                              -2.3
                                                                     -0.9
                                                                             0.4
                                                                                    1.8
                                                                                           2.8
##
   [35713]
   [35725]
              3.3
                      3.6
                            3.6
                                   2.9
                                          2.2
                                                 1.5
                                                        1.0
                                                               0.6
                                                                      0.7
                                                                             1.0
                                                                                    1.6
                                                                                           1.7
   [35737]
                           -0.5
                                                              -0.5
                                                                             2.7
                                                                                    3.4
                                                                                           3.9
##
              1.5
                      1.0
                                  -0.9
                                         -1.8
                                                -1.7
                                                       -1.5
                                                                      1.1
##
   [35749]
              3.8
                     3.8
                            2.8
                                   1.2
                                         -0.5
                                                -1.2
                                                       -1.8
                                                              -2.3
                                                                     -2.8
                                                                            -3.0
                                                                                   -3.5
                                                                                          -4.0
##
   [35761]
             -4.2
                    -4.4
                           -4.5
                                  -5.1
                                         -7.5
                                                -7.3
                                                       -7.1
                                                              -6.2
                                                                     -4.7
                                                                            -3.1
                                                                                   -1.6
                                                                                          -0.3
   [35773]
              0.0
                    -0.3
                           -1.3
                                  -3.0
                                         -4.9
                                                -6.3
                                                       -7.2
                                                              -7.8
                                                                     -8.1
                                                                            -8.4
                                                                                   -8.7
                                                                                          -9.0
                                  -9.7 -10.1 -10.4 -10.2
                                                              -9.3
   [35785]
                    -9.4
                           -9.5
                                                                     -8.2
                                                                            -6.8
                                                                                   -5.9
                                                                                          -5.2
##
             -9.2
   [35797]
             -4.5
                    -4.3
                           -4.7
                                  -5.5
                                         -6.7
                                                -7.4
                                                       -7.8
                                                              -8.1
                                                                     -8.3
                                                                            -8.5
                                                                                   -8.7
                                                                                          -8.8
##
   [35809]
                    -8.9
                           -9.1
                                  -9.4
                                         -9.9
                                                -9.9
                                                       -9.8
                                                              -8.3
                                                                     -6.2
                                                                            -4.2
                                                                                   -2.6
##
             -8.8
                                                                                          -1.3
   [35821]
             -0.3
                     0.5
                           -0.2
                                  -0.9
                                         -1.8
                                                -2.8
                                                       -3.6
                                                              -3.5
                                                                     -3.1
                                                                            -2.1
                                                                                   -1.1
                                                                                          -1.4
   [35833]
             -1.0
                    -0.9
                           -0.5
                                  -1.0
                                         -0.9
                                                -1.9
                                                       -2.1
                                                              -2.4
                                                                     -2.1
                                                                            -0.8
                                                                                    0.1
                                                                                           0.7
##
   [35845]
                                          0.0
                                                -0.3
                                                              -0.2
                                                                     -0.4
                                                                            -0.2
                                                                                   -0.2
##
              1.4
                      1.9
                            1.9
                                   0.9
                                                       -0.3
                                                                                           0.0
                                                                      2.5
                                                                             2.9
                                                                                    3.9
   [35857]
              0.1
                      0.3
                            0.4
                                   0.5
                                          0.9
                                                 1.0
                                                               1.6
                                                                                           5.9
##
                                                        1.1
   [35869]
              7.2
                      7.9
                            8.2
                                   7.0
                                          5.5
                                                 5.4
                                                        5.2
                                                               5.0
                                                                      5.5
                                                                             5.1
                                                                                    5.1
                                                                                           5.6
##
   [35881]
              6.0
                      6.1
                            6.4
                                   5.6
                                          3.6
                                                 3.6
                                                        4.6
                                                               7.5
                                                                     10.7
                                                                            13.8
                                                                                   15.0
                                                                                          15.4
##
   [35893]
             14.8
                    14.8
                           14.9
                                  13.8
                                         10.7
                                                 9.7
                                                        8.4
                                                               7.6
                                                                      7.2
                                                                             6.5
                                                                                    6.3
                                                                                           7.1
##
   [35905]
              7.9
                     8.1
                            8.0
                                   7.9
                                          4.7
                                                 4.4
                                                        5.4
                                                               9.2
                                                                     13.5
                                                                            14.5
                                                                                   15.3
                                                                                          15.8
   [35917]
                    15.6
                                                               8.7
                                                                      8.6
                                                                             8.7
                                                                                    8.3
                                                                                           8.1
             15.8
                           15.1
                                  13.7
                                         10.9
                                                 9.9
                                                        9.2
##
   [35929]
              8.3
                     7.3
                            6.3
                                   6.7
                                          7.3
                                                 6.5
                                                        6.9
                                                               8.6
                                                                      9.8
                                                                            10.6
                                                                                   10.0
                                                                                           9.1
##
   [35941]
                      8.2
                            8.7
                                   7.9
                                                 6.2
                                                               5.6
                                                                      5.3
                                                                             4.6
                                                                                    4.1
                                                                                           3.9
##
              9.1
                                          6.6
                                                        6.0
   [35953]
              4.0
                      4.3
                             4.5
                                    4.8
                                          4.8
                                                 5.1
                                                        5.4
                                                               6.1
                                                                      6.2
                                                                             6.3
                                                                                    6.6
                                                                                           7.3
   [35965]
              7.7
                      7.0
                            6.5
                                   6.3
                                          6.2
                                                 6.1
                                                        5.0
                                                               5.8
                                                                      6.0
                                                                             5.3
                                                                                    5.0
                                                                                           4.7
##
   [35977]
              4.3
                      3.9
                            3.4
                                   3.1
                                         -4.3
                                                -5.6
                                                       -5.9
                                                              -5.7
                                                                     -4.9
                                                                            -3.9
                                                                                   -2.5
                                                                                          -1.9
##
                                                              -0.1
                                                                     -0.4
                                                                                   -0.9
   [35989]
             -0.8
                      2.5
                            2.4
                                    1.9
                                          1.0
                                                 0.5
                                                        0.3
                                                                            -0.8
                                                                                          -1.8
##
                           -5.3
   [36001]
             -4.5
                    -5.2
                                  -5.4
                                         -5.2
                                                -5.5
                                                       -5.0
                                                              -4.1
                                                                     -2.8
                                                                            -1.3
                                                                                    0.1
                                                                                           1.3
   [36013]
              2.2
                      1.5
                            1.2
                                    1.0
                                         -0.3
                                                -1.9
                                                       -2.7
                                                              -3.4
                                                                     -3.7
                                                                            -4.1
                                                                                   -4.3
                                                                                          -4.3
##
             -4.5
                    -4.4
                                                                     -0.2
##
   [36025]
                           -4.5
                                  -4.6
                                         -4.7
                                                -4.8
                                                       -3.6
                                                              -1.9
                                                                             1.8
                                                                                    3.1
                                                                                           2.7
                      2.8
                            2.6
                                         -0.2
                                                 0.4
                                                               0.4
                                                                      0.4
                                                                                    0.8
##
   [36037]
              2.7
                                    1.6
                                                        0.4
                                                                             0.6
                                                                                           0.4
                                                -0.4
   [36049]
              0.0
                    -0.1
                            0.3
                                    0.3
                                          0.5
                                                        0.1
                                                               1.3
                                                                      2.6
                                                                             3.9
                                                                                    5.0
                                                                                           5.7
                                                                                    2.1
   [36061]
              6.3
                      6.5
                            6.2
                                    5.5
                                          4.6
                                                 3.0
                                                        3.3
                                                               3.8
                                                                      3.8
                                                                             3.8
                                                                                           1.8
##
##
   [36073]
              1.6
                      2.3
                            3.1
                                    2.4
                                          1.4
                                                 2.4
                                                        2.8
                                                               4.6
                                                                      6.3
                                                                             8.0
                                                                                    9.2
                                                                                           9.9
   [36085]
             10.2
                      9.9
                                   7.9
                                          5.8
                                                                                    2.9
                                                                                           2.5
##
                            9.2
                                                 5.4
                                                        4.6
                                                               4.1
                                                                      3.8
                                                                             3.3
   [36097]
              2.4
                      2.3
                            2.0
                                    1.9
                                          3.7
                                                 4.0
                                                        4.8
                                                               5.2
                                                                      5.8
                                                                             6.7
                                                                                    7.2
                                                                                           7.9
              9.7
   [36109]
                     10.8
                            10.5
                                    9.6
                                          9.7
                                                 9.9
                                                        9.6
                                                               9.4
                                                                      8.6
                                                                             8.2
                                                                                    8.3
                                                                                           8.3
   [36121]
              8.0
                            3.5
                                    2.5
                                          5.6
                                                 5.1
                                                               5.3
                                                                             7.4
                                                                                    8.4
##
                     5.9
                                                        4.6
                                                                      6.3
                                                                                           8.0
##
   [36133]
              8.2
                      7.3
                            7.2
                                    6.4
                                          5.6
                                                 4.9
                                                        4.5
                                                               4.1
                                                                      3.6
                                                                             2.5
                                                                                    1.1
                                                                                           0.7
  [36145]
              0.4
                      0.3
                            0.3
                                    0.1
                                          0.5
                                                 0.2
                                                        0.2
                                                               0.4
                                                                      1.1
                                                                             1.7
                                                                                    2.1
                                                                                           2.8
##
## [36157]
              3.8
                      4.6
                             6.7
                                    4.8
                                          3.6
                                                 2.7
                                                        3.5
                                                               4.2
                                                                      4.6
                                                                             4.8
                                                                                    4.7
                                                                                           2.7
```

```
[36169]
               2.6
                      2.8
                             3.4
                                    3.4
                                           3.8
                                                  3.3
                                                         5.7
                                                                7.2
                                                                        7.7
                                                                               8.1
                                                                                      8.3
                                                                                             8.7
                                                                                     1.7
   [36181]
               8.9
                      8.9
                                    7.4
                                           5.9
                                                  5.5
                                                         3.4
                                                                1.9
##
                             8.1
                                                                        0.5
                                                                               0.8
                                                                                             1.1
   [36193]
              -1.5
                     -2.0
                            -1.6
                                   -1.3
                                          -0.9
                                                 -1.0
                                                        -0.6
                                                               -0.7
                                                                        0.0
                                                                               1.4
                                                                                      3.0
                                                                                             3.5
   [36205]
               3.7
                      3.5
                             3.0
                                    2.0
                                          -0.2
                                                 -1.4
                                                        -1.2
                                                               -0.7
                                                                       -0.7
                                                                              -0.8
                                                                                     -1.2
                                                                                            -1.3
##
##
   [36217]
              -1.1
                     -0.9
                            -1.0
                                   -0.9
                                          -1.3
                                                 -1.2
                                                         1.0
                                                                2.3
                                                                        3.6
                                                                               4.7
                                                                                      5.9
                                                                                             6.5
   [36229]
               7.0
                      7.0
                             6.8
                                    6.3
                                           5.6
                                                  5.3
                                                         4.8
                                                                4.3
                                                                       3.3
                                                                               3.1
                                                                                      2.9
                                                                                             2.6
##
##
   [36241]
               2.1
                      1.6
                             0.9
                                    0.0
                                           0.6
                                                  0.5
                                                         2.1
                                                                4.5
                                                                        5.6
                                                                               6.6
                                                                                      7.4
                                                                                             8.2
                                                                        2.8
                                                                               2.6
                                                                                      2.5
##
   [36253]
               8.6
                      8.8
                             8.5
                                    7.6
                                           5.0
                                                  3.8
                                                         3.3
                                                                3.3
                                                                                             2.5
##
   [36265]
               2.5
                      2.9
                             3.0
                                    2.9
                                           1.9
                                                  1.9
                                                         3.5
                                                                6.5
                                                                        8.2
                                                                               9.2
                                                                                    10.1
                                                                                           10.8
              11.0
##
   [36277]
                     11.0
                            10.3
                                    8.8
                                           5.8
                                                  5.3
                                                         4.8
                                                                4.5
                                                                        4.0
                                                                               4.0
                                                                                      3.9
                                                                                             3.8
   [36289]
               3.7
                      3.5
                             2.8
                                    2.7
                                           2.5
                                                  2.0
                                                         4.3
                                                                7.1
                                                                        9.0
                                                                             10.2
                                                                                    11.1
                                                                                            11.6
   [36301]
                     11.5
                            10.7
                                    9.2
                                           6.4
                                                  5.4
                                                         4.7
                                                                        3.8
                                                                               3.5
                                                                                      3.1
                                                                                             2.5
##
              11.8
                                                                4.1
##
   [36313]
               2.1
                      1.9
                             1.5
                                    1.1
                                           3.5
                                                  3.5
                                                         4.9
                                                                5.9
                                                                        6.2
                                                                               7.2
                                                                                      8.4
                                                                                             9.5
   [36325]
                            10.0
                                                                        2.8
##
              10.0
                      9.8
                                    8.8
                                           7.1
                                                  5.8
                                                         4.5
                                                                3.5
                                                                               2.4
                                                                                      1.9
                                                                                             2.0
   [36337]
               1.7
                      1.3
                             1.2
                                           3.4
                                                  3.4
                                                         3.7
                                                                4.2
                                                                       5.1
                                                                               5.6
                                                                                      6.4
                                                                                             7.0
##
                                    1.1
##
   [36349]
               7.8
                      8.2
                             8.2
                                    7.6
                                           5.6
                                                  4.4
                                                         3.4
                                                                2.7
                                                                        2.2
                                                                               2.4
                                                                                      2.2
                                                                                             2.1
   [36361]
               1.9
                      1.9
                             1.8
                                    2.0
                                           2.5
                                                                8.7
                                                                      10.1
                                                                                    12.7
                                                                                            13.9
##
                                                  3.0
                                                         5.1
                                                                             11.2
   [36373]
              14.1
                     13.9
                            13.5
                                   12.6
                                          10.2
                                                  8.7
                                                         8.2
                                                                7.8
                                                                       7.4
                                                                               6.7
                                                                                      6.4
                                                                                             6.0
                      5.6
   [36385]
                                    4.4
                                           5.4
                                                               10.4
                                                                      12.6
                                                                             14.0
                                                                                            14.6
##
               5.7
                             5.1
                                                  5.0
                                                         6.8
                                                                                    14.5
##
   [36397]
              14.5
                     14.2
                            13.7
                                   12.5
                                          10.3
                                                  9.1
                                                         8.1
                                                                7.7
                                                                       7.6
                                                                               7.8
                                                                                     7.6
                                                                                             7.0
##
   [36409]
               6.8
                      7.0
                             7.0
                                    6.4
                                           7.3
                                                  7.1
                                                         8.7
                                                               10.4
                                                                      12.0
                                                                             12.8
                                                                                     13.7
                                                                                            13.8
   [36421]
              13.0
                     12.7
                            12.5
                                   11.9
                                          11.2
                                                 10.6
                                                         9.1
                                                                8.6
                                                                       8.2
                                                                               7.8
                                                                                      7.0
                                                                                             6.5
##
   [36433]
                      6.0
                             6.0
                                    5.5
                                           3.6
                                                  3.2
                                                                       3.8
                                                                               4.0
                                                                                      3.8
                                                                                             3.6
##
               6.2
                                                         3.1
                                                                3.4
   [36445]
               3.7
                      4.0
                                           3.1
                                                  2.6
                                                         2.1
                                                                1.9
                                                                               2.1
                                                                                      2.2
##
                             4.1
                                    3.7
                                                                        1.9
                                                                                             2.0
               2.0
                      1.8
                                                                1.4
##
   [36457]
                             0.8
                                    0.7
                                          -0.4
                                                 -0.9
                                                         0.2
                                                                        2.7
                                                                               3.7
                                                                                      4.5
                                                                                             4.9
   [36469]
               4.3
                      4.0
                             3.6
                                    2.9
                                           1.1
                                                 -0.1
                                                        -0.3
                                                               -0.3
                                                                      -0.8
                                                                              -1.2
                                                                                     -1.4
                                                                                            -0.3
   [36481]
              -0.3
                     -1.6
                            -1.6
                                   -1.8
                                          -2.3
                                                 -1.3
                                                         0.4
                                                                2.2
                                                                       3.2
                                                                               4.1
                                                                                      4.8
                                                                                             4.7
##
   [36493]
                      2.8
                                                               -0.2
                                                                      -0.7
                                                                             -2.1
                                                                                     -2.3
##
               3.8
                             0.7
                                    0.6
                                           0.3
                                                  0.1
                                                        -0.3
                                                                                            -2.6
                                                               -0.4
                                                                       0.6
                                                                                      2.7
   [36505]
              -2.3
                     -1.7
                            -1.9
                                   -2.8
                                          -3.4
                                                 -3.7
                                                        -1.8
                                                                               1.6
                                                                                             3.5
##
##
   [36517]
               3.9
                      4.6
                             4.5
                                    3.9
                                           2.8
                                                  2.2
                                                         2.5
                                                                2.0
                                                                        0.1
                                                                             -0.6
                                                                                     -0.7
                                                                                            -0.5
                                                                               7.3
##
   [36529]
               0.1
                      0.3
                             0.3
                                    0.3
                                           0.0
                                                  0.2
                                                         2.2
                                                                4.2
                                                                       5.9
                                                                                      8.6
                                                                                             9.4
##
   [36541]
               9.7
                      9.7
                             9.7
                                    8.9
                                           7.9
                                                  7.4
                                                         8.2
                                                                8.6
                                                                       8.7
                                                                               8.8
                                                                                      8.6
                                                                                             8.3
##
   [36553]
               7.2
                      6.1
                             5.5
                                    5.6
                                           5.0
                                                  4.8
                                                         8.1
                                                               11.0
                                                                      12.8
                                                                              14.6
                                                                                     14.4
                                                                                            13.8
   [36565]
                     12.8
                                                                5.4
                                                                       6.2
                                                                               5.5
                                                                                      4.1
                                                                                             3.4
              12.6
                            11.9
                                   11.0
                                           9.0
                                                  6.3
                                                         5.3
##
   [36577]
               3.0
                      2.4
                             1.4
                                    0.7
                                           1.1
                                                  0.7
                                                         3.7
                                                                5.7
                                                                       7.3
                                                                               8.7
                                                                                     10.0
                                                                                            10.9
##
                                                                       4.9
                                                                               5.6
   [36589]
              11.0
                     10.4
                             9.8
                                    8.8
                                           6.7
                                                  5.5
                                                                5.1
                                                                                      6.2
                                                                                             4.1
##
                                                         5.4
   [36601]
               2.7
                      2.1
                             1.2
                                    3.3
                                           3.0
                                                  2.1
                                                         5.3
                                                                8.5
                                                                      10.4
                                                                              11.6
                                                                                    12.0
                                                                                            11.6
   [36613]
              11.7
                     11.9
                            11.8
                                   10.4
                                           8.1
                                                  6.6
                                                         6.0
                                                                5.9
                                                                       5.9
                                                                               6.0
                                                                                      5.6
                                                                                             4.8
##
   [36625]
               4.1
                      3.5
                             3.4
                                    3.2
                                           3.2
                                                  3.6
                                                         4.0
                                                                4.7
                                                                       5.5
                                                                               6.6
                                                                                      7.4
                                                                                             8.2
##
                                                                       3.7
   [36637]
               8.6
                      8.7
                             8.4
                                    7.6
                                           5.8
                                                  4.5
                                                         3.8
                                                                3.8
                                                                               3.7
                                                                                      3.4
                                                                                             3.4
##
   [36649]
               2.6
                                                                6.0
                                                                        7.3
                                                                               8.1
                                                                                      8.9
                                                                                             9.0
##
                      1.7
                             1.6
                                    1.3
                                           1.3
                                                  2.0
                                                         4.4
   [36661]
               9.1
                      9.0
                             8.5
                                    7.6
                                           6.5
                                                  5.5
                                                         5.0
                                                                4.7
                                                                        4.5
                                                                               4.1
                                                                                      3.7
                                                                                             3.7
##
   [36673]
##
               3.7
                      3.5
                             2.3
                                    2.3
                                           3.5
                                                  3.8
                                                         5.4
                                                                7.4
                                                                        9.3
                                                                             10.3
                                                                                     10.9
                                                                                            10.9
               9.5
                      8.6
                                    6.5
                                                         5.2
                                                                                      5.5
##
   [36685]
                             7.7
                                           6.1
                                                  5.4
                                                                4.9
                                                                        5.0
                                                                               5.6
                                                                                             5.4
   [36697]
                                                                               7.0
                                                                                      7.8
##
               5.3
                      5.1
                             5.1
                                    4.9
                                           5.0
                                                  5.0
                                                         5.5
                                                                5.9
                                                                        7.0
                                                                                             8.6
                                           7.2
   [36709]
               9.4
                      9.3
                             8.8
                                    8.6
                                                  5.9
                                                         5.2
                                                                4.7
                                                                        4.0
                                                                               3.5
                                                                                      3.3
                                                                                             3.2
##
##
   [36721]
               3.0
                      2.8
                             3.0
                                    2.9
                                           3.0
                                                  3.0
                                                         4.5
                                                                5.5
                                                                        6.3
                                                                               7.0
                                                                                      7.6
                                                                                             7.9
   [36733]
               8.2
                      7.0
                                                         3.3
                                                                2.7
                                                                        2.2
                                                                               2.0
                                                                                      2.0
##
                             6.3
                                    6.1
                                           4.9
                                                  4.0
                                                                                             1.8
   [36745]
               1.6
                      1.3
                             1.1
                                    1.1
                                           1.3
                                                  1.7
                                                         2.2
                                                                2.6
                                                                        4.8
                                                                               5.3
                                                                                      5.1
                                                                                             7.6
                                                                               2.7
##
   [36757]
               8.1
                      7.7
                             6.2
                                    4.4
                                           4.3
                                                  4.2
                                                         4.2
                                                                4.1
                                                                        3.5
                                                                                      2.3
                                                                                             0.8
   [36769]
               0.6
                      0.4
                             0.4
                                    0.5
                                           1.7
                                                  2.1
                                                         3.2
                                                                3.8
##
                                                                        4.4
                                                                               5.3
                                                                                      5.6
                                                                                             5.6
##
   [36781]
               6.1
                      7.2
                             7.1
                                    6.3
                                           5.5
                                                  4.9
                                                         4.3
                                                                4.0
                                                                        3.8
                                                                               3.5
                                                                                      3.2
                                                                                             3.1
##
   [36793]
               3.2
                      3.4
                             3.4
                                    3.5
                                           1.9
                                                  1.6
                                                         2.9
                                                                4.6
                                                                        5.7
                                                                               6.7
                                                                                      6.3
                                                                                             6.3
## [36805]
                      7.9
               7.4
                             7.9
                                    7.0
                                           5.5
                                                  4.1
                                                         3.2
                                                                2.5
                                                                        2.3
                                                                               1.9
                                                                                      1.7
                                                                                             1.3
```

```
## [36817]
              1.4
                    0.9
                           0.6
                                  0.5
                                        1.4
                                               1.9
                                                      4.0
                                                            6.1
                                                                   8.0
                                                                          9.5
                                                                              10.8
                                                                                    11.7
             12.4
                          12.4
   [36829]
                   12.8
                                  9.6
                                                            6.6
                                                                   5.9
                                                                          5.5
                                                                                5.4
                                                                                       5.0
                                        8.6
                                               7.2
                                                      7.1
                                                                                      13.3
   [36841]
              5.7
                    5.9
                           5.8
                                  6.5
                                        5.5
                                               6.1
                                                      8.5
                                                            9.9
                                                                  11.1
                                                                        12.6
                                                                               12.0
                                                                                0.9
   [36853]
             12.2
                   11.6
                           9.8
                                  5.0
                                        3.8
                                               2.8
                                                      2.4
                                                            1.9
                                                                   1.1
                                                                          0.9
                                                                                       1.1
##
   [36865]
              1.1
                     1.1
                           1.6
                                  1.5
                                       -0.2
                                               1.5
                                                      4.0
                                                            5.9
                                                                   7.4
                                                                          8.7
                                                                                9.6
                                                                                      10.2
   [36877]
             10.6
                   10.6
                          10.3
                                  9.0
                                        7.1
                                                      5.2
                                                            4.9
                                                                   4.6
                                                                          4.3
                                                                                4.0
                                                                                       3.9
##
                                               5.7
                     3.3
                           4.4
                                  3.7
                                        2.9
                                                                  10.7
                                                                        12.1
                                                                               13.0
   [36889]
              3.7
                                               3.8
                                                      7.1
                                                            9.4
                                                                                      13.2
                          12.8
                                               7.4
                                                      6.7
                                                                   6.7
                                                                          6.3
   [36901]
             13.5
                   13.4
                                 11.7
                                        9.9
                                                            6.7
                                                                                5.9
                                                                                       5.7
##
   [36913]
              5.6
                    5.4
                           5.3
                                  5.2
                                        5.7
                                               6.3
                                                      9.1
                                                           12.5
                                                                  14.6
                                                                        15.8
                                                                               16.5
                                                                                      16.6
             16.5
                                       12.9
                                                                                7.5
                                                                                       7.1
##
   [36925]
                   16.2
                          15.5
                                 14.5
                                              10.9
                                                    10.1
                                                            9.4
                                                                   8.6
                                                                          8.2
   [36937]
              6.8
                    6.6
                           6.4
                                  6.4
                                        8.3
                                              10.8
                                                    12.6
                                                           14.5
                                                                  16.0
                                                                        17.1
                                                                               17.8
                                                                                      18.0
   [36949]
             17.7
                   17.3
                          16.6
                                 15.4
                                       13.6
                                              11.1
                                                    10.3
                                                            9.5
                                                                  10.0
                                                                          9.6
                                                                                9.8
                                                                                       9.9
##
   [36961]
             10.0
                   10.0
                           9.7
                                  9.4
                                        8.3
                                               9.1
                                                    11.8
                                                           14.7
                                                                  16.9
                                                                        18.8
                                                                               20.3
                                                                                      21.3
   [36973]
             21.9
                   22.2
                                 19.0
                                                           11.6
                                                                  10.6
                                                                          9.7
                                                                                8.9
##
                          21.8
                                       16.0
                                              13.1
                                                    12.5
                                                                                       8.0
   [36985]
              7.5
                     6.8
                           6.4
                                  6.0
                                        6.5
                                               8.3
                                                    11.7
                                                           14.7
                                                                  17.2
                                                                        19.1
                                                                               20.4
                                                                                      21.0
   [36997]
             21.2
                   21.1
                          20.5
                                 18.6
                                       15.8
                                              13.6
                                                    12.9
                                                           12.7
                                                                  12.6
                                                                        12.4
                                                                               11.4
                                                                                       9.8
   [37009]
              8.3
                    8.0
                           8.2
                                  8.4
                                        8.4
                                               9.5
                                                    12.5
                                                           15.0
                                                                  16.7
                                                                        17.8
                                                                               18.1
                                                                                      18.0
##
   [37021]
             18.2
                   18.0
                          17.6
                                 16.5
                                       14.6
                                              12.0
                                                    10.8
                                                            9.9
                                                                   9.1
                                                                          8.4
                                                                                7.8
                                                                                       7.1
   [37033]
                    6.0
                           5.8
                                  5.6
                                        6.4
                                               8.4
                                                    11.2
                                                           13.4
                                                                  14.8
                                                                        15.9
                                                                               16.8
                                                                                      17.4
              6.5
   [37045]
             17.6
                   17.6
                          17.1
                                 16.2
                                       14.2
                                              11.1
                                                    10.3
                                                           10.7
                                                                  10.3
                                                                        10.1
                                                                                9.8
                                                                                       9.4
                                                    12.9
##
   [37057]
              9.1
                    8.3
                           8.0
                                  8.2
                                        8.3
                                               9.5
                                                           16.0
                                                                  18.0
                                                                        19.4
                                                                               20.5
                                                                                      21.2
  [37069]
             21.4
                   21.2
                          20.6
                                 19.5
                                       17.0
                                              14.1
                                                    13.0
                                                           12.6
                                                                  12.0
                                                                        11.3
                                                                               10.8
                                                           14.9
                                                                  16.4
   [37081]
              8.3
                    8.0
                           8.2
                                  8.0
                                        8.1
                                              10.0
                                                    12.9
                                                                        17.5
                                                                               18.3
                                                                                      19.0
##
   [37093]
             19.4
                   19.3
                          19.1
                                18.3
                                       16.4
                                              13.3
                                                    12.4
                                                           11.8
                                                                  11.4
                                                                        11.7
                                                                               11.6
##
             10.9
                                                                  16.9
                                                                        18.1
                                                                               20.5
                                                                                      20.8
   [37105]
                   10.7
                          11.1
                                 11.4
                                       10.9
                                              12.4
                                                    14.7
                                                           17.4
   [37117]
             21.1
                   17.9
                          16.8
                                 14.9
                                       12.3
                                              10.1
                                                      8.9
                                                            7.6
                                                                   7.0
                                                                          6.9
                                                                                6.3
                                                                                       5.8
   [37129]
              5.4
                    5.0
                           4.5
                                  4.0
                                        3.3
                                               5.2
                                                      7.5
                                                            8.8
                                                                   9.8
                                                                        10.6
                                                                               11.3
                                                                                      12.1
   [37141]
             12.7
                   12.9
                                 12.3
                                       10.5
                                               8.3
                                                      7.8
                                                            7.3
                                                                   7.0
##
                          13.0
                                                                          6.6
                                                                                6.4
                                                                                       6.8
   [37153]
              6.8
                    7.3
                           8.5
                                  7.6
                                        7.1
                                               8.3
                                                    11.1
                                                           13.0
                                                                  14.3
                                                                        14.9
                                                                               15.5
                                                                                      15.9
   [37165]
             16.3
                   16.3
                          15.9
                                 14.9
                                       12.9
                                              10.8
                                                      8.7
                                                            7.3
                                                                   7.8
                                                                          7.7
                                                                                7.5
                                                                                       7.2
                                                    11.2
   [37177]
              6.5
                    6.2
                           6.3
                                  6.3
                                        5.9
                                               7.5
                                                           13.7
                                                                  15.1
                                                                        15.9
                                                                               16.2
                                                                                      16.3
##
   [37189]
             16.2
                   15.9
                          15.4
                                 14.4
                                       12.9
                                              11.1
                                                    10.3
                                                            9.8
                                                                   9.5
                                                                          9.5
                                                                                9.5
                                                                                       9.3
                                                                  15.3
   [37201]
              9.6
                    9.3
                           9.9
                                 10.0
                                       11.6
                                              13.0
                                                    14.8
                                                           16.0
                                                                        17.1
                                                                               17.9
                                                                                      17.6
                   14.5
   [37213]
                          14.2
                                 14.0
                                       12.7
                                              10.9
                                                      8.1
                                                            9.9
                                                                  11.2
                                                                               10.8
                                                                                       8.4
             14.6
                                                                        11.1
                                        7.8
   [37225]
              7.6
                    7.5
                           7.2
                                  6.8
                                               9.4
                                                    12.5
                                                           13.9
                                                                  15.1
                                                                        16.6
                                                                               17.8
                                                                                      18.1
                                              11.4
                                                                          8.9
## [37237]
             17.9
                   17.5
                          16.6
                                15.7
                                       13.9
                                                    10.2
                                                            9.7
                                                                   9.5
                                                                                9.4
                                                                                       9.5
## [37249]
              9.7
                    9.8
                           9.8
                                 10.0
                                       11.2
                                              13.0
                                                     15.0
                                                           16.7
                                                                  17.8
                                                                        18.3
                                                                               18.7
                                                                                      18.8
## [37261]
             18.3
                   18.5
                          17.9
                                 16.8
                                       15.5
                                              13.9
                                                      7.8
                                                            7.0
                                                                   5.6
                                                                          4.2
                                                                                3.3
                                                                                       3.1
   [37273]
              3.3
                    3.3
                           3.4
                                  3.9
                                        4.2
                                               5.4
                                                      6.6
                                                            7.7
                                                                   8.8
                                                                        10.2
                                                                               11.4
                                                                                      12.0
   [37285]
             12.7
                   13.1
                          13.0
                                12.3
                                       10.5
                                               6.8
                                                      6.1
                                                            6.8
                                                                   6.4
                                                                          6.1
                                                                                6.2
                                                                                       6.1
##
   [37297]
              5.9
                    5.8
                           5.7
                                  5.7
                                        6.0
                                               7.7
                                                     10.7
                                                           12.7
                                                                  14.6
                                                                        16.2
                                                                               16.2
   [37309]
             15.8
                   17.5
                          17.3
                                 16.4
                                       14.7
                                              12.3
                                                    11.4
                                                           11.3
                                                                  11.3
                                                                        11.2
                                                                               10.7
                                                                                      10.6
   [37321]
                                        9.8
                                              11.6
                                                    15.0
                                                           17.9
             10.5
                   10.3
                          10.2
                                 10.1
                                                                  19.9
                                                                        21.3
                                                                               22.2
                                                                                      22.6
             22.6
                   22.2
                                                                               12.2
##
   [37333]
                          21.3
                                 18.7
                                       17.3
                                              15.3
                                                    13.4
                                                           12.8
                                                                  13.2
                                                                        12.5
                                                                                      12.2
   [37345]
                          12.6
                                       12.8
                                                           17.8
                                                                  20.1
             12.6
                   12.9
                                 12.4
                                              14.6
                                                    16.2
                                                                        21.5
                                                                               22.6
                                                                                      22.6
                   21.1
                                 17.1
                                                                        12.8
   [37357]
             22.4
                          19.1
                                       13.5
                                              13.4
                                                    13.5
                                                           13.1
                                                                  12.7
                                                                               11.0
                                                                                      11.3
##
   [37369]
             11.8
                   11.8
                          12.1
                                 12.4
                                       10.7
                                              13.0
                                                    16.3
                                                           18.2
                                                                  18.5
                                                                        19.3
                                                                               19.4
                                                                                      19.6
   [37381]
                          18.4
                                       16.4
                                              14.4
                                                    13.6
                                                           13.2
                                                                  13.5
                                                                        13.5
                                                                               13.6
                                                                                      13.2
             19.5
                   19.0
                                17.6
   [37393]
             12.7
                   12.3
                          11.8
                                 11.2
                                       12.4
                                              14.8
                                                    17.3
                                                           18.8
                                                                  20.1
                                                                        20.7
                                                                               21.1
                                                                                      21.2
                                       17.2
## [37405]
             21.0
                   20.4
                          19.7
                                 18.7
                                              15.1
                                                    14.2
                                                           13.4
                                                                  14.2
                                                                        14.2
                                                                               14.6
                                                                                      13.2
## [37417]
             12.7
                   13.3
                          14.0
                                 13.5
                                       13.0
                                              15.0
                                                    16.8
                                                           18.4
                                                                  19.5
                                                                        19.7
                                                                               19.3
                                                                                      19.5
## [37429]
             19.6
                   19.2
                          18.9
                                 18.2
                                       17.0
                                              15.0
                                                    14.3
                                                           14.4
                                                                  13.4
                                                                        13.9
                                                                               12.1
                                                                                      11.5
                                                                                7.0
## [37441]
             11.6
                   11.5
                          11.4
                                  9.0
                                        8.1
                                               6.2
                                                      6.1
                                                            6.3
                                                                   6.4
                                                                          6.9
                                                                                       7.4
## [37453]
              7.7
                    7.9
                           8.2
                                  7.9
                                        7.2
                                               6.5
                                                      6.4
                                                            6.5
                                                                   6.3
                                                                          5.5
                                                                                5.4
                                                                                       5.3
```

```
## [37465]
            5.1
                   4.7
                         4.6
                               4.4
                                     5.3
                                           6.3
                                                 7.6
                                                       9.1
                                                             9.7
                                                                   9.1
                                                                         9.1
                                                                               9.8
## [37477]
            10.3
                   9.3
                         9.2
                               8.4
                                     7.4
                                           5.8
                                                 5.2
                                                       5.3
                                                             4.7
                                                                         3.0
                                                                               2.7
                                                                   3.6
## [37489]
            2.9
                   2.4
                         1.9
                               1.5
                                     2.2
                                           5.6
                                                 7.6
                                                       9.1
                                                            10.5
                                                                  11.8
                                                                        12.9
                                                                              13.8
## [37501]
                                                       7.6
                                                             6.9
            14.4
                  15.0
                        14.9
                              13.8
                                    12.5
                                          10.6
                                                 8.9
                                                                   6.8
                                                                         6.6
                                                                               6.4
## [37513]
            6.7
                  7.1
                        7.1
                               7.4
                                     6.6
                                           9.5
                                                13.2
                                                      14.4
                                                            14.6
                                                                  15.6
                                                                        17.3
                                                                              17.9
## [37525]
            18.1
                 17.9
                       17.6
                              17.0
                                    15.9
                                         12.8
                                                11.6
                                                      11.3
                                                            10.5
                                                                   9.9
                                                                        10.0
                                                                               9.9
            10.0
                  9.4
                         9.5
                               9.3
                                    10.7
                                          13.0
                                                15.2
                                                     17.0
                                                            18.6
                                                                  19.9
                                                                        20.7
## [37537]
## [37549]
            19.5
                 18.5
                       20.0
                             19.0
                                   17.7
                                                14.1
                                                      13.7
                                                            14.1
                                                                  14.1
                                         15.4
                                                                       13.5
                                                                              13.0
                                                            20.6
                                                                  20.8
  [37561]
            13.0
                  11.4
                       12.3
                              12.5
                                    16.0
                                          17.0
                                               18.6
                                                     19.7
                                                                        21.0
                                                                              21.0
           20.7
                             19.0
                                               15.4
                                                     15.1
                                                            15.0
  [37573]
                  20.5
                       19.9
                                    17.7
                                          16.1
                                                                  14.5
                                                                        13.6
                                                                              14.2
  [37585]
            13.7
                 13.2
                       13.3
                              12.6
                                    13.6
                                          15.3
                                                16.5
                                                      17.3
                                                            17.9
                                                                  18.5
                                                                        18.7
## [37597]
            18.2
                 17.9
                       17.5
                              17.0
                                    16.0
                                          14.3
                                                13.8
                                                     13.5
                                                            13.0
                                                                  12.5
                                                                        12.1
                                                                              11.9
## [37609]
           11.8
                 11.7
                        11.9
                              12.7
                                    10.8
                                          13.5
                                                15.8
                                                     17.2
                                                            18.2
                                                                  19.0
                                                                        19.6
                                                                              20.1
                                                15.2
## [37621]
           20.4
                 20.2
                       19.6
                              19.1
                                    17.9
                                          15.7
                                                     14.9
                                                            15.0
                                                                  15.3
                                                                        14.0
                                                                              13.6
## [37633]
            13.7
                  13.4
                       13.9
                              14.1
                                    13.9
                                          17.0
                                                19.5
                                                      20.6
                                                            21.7
                                                                  21.4
                                                                        21.0
                                                                              22.2
## [37645]
            22.6
                  22.2
                        22.1
                              22.0
                                    20.6
                                          18.3
                                                16.8
                                                      14.8
                                                            15.9
                                                                  14.7
                                                                        14.1
                                                                              13.8
            14.6
                 13.6
                       12.8
                             13.5
                                    13.1
                                          13.4 15.6 15.4
                                                            14.2
                                                                  16.3
                                                                        16.3
##
  [37657]
                                                                              15.8
  [37669]
           14.2
                 13.7
                       13.3
                             12.4
                                    12.9
                                          12.4
                                               12.4
                                                     12.5
                                                            12.6
                                                                  12.1
                                                                        12.1
## [37681]
                       11.1
                             10.6
                                    12.3
                                         13.8 14.8 15.0 16.4
                                                                  17.2 17.7
           11.1
                 11.4
                                                                              18.0
## [37693]
           17.9
                 17.6
                       17.2
                              16.3
                                    15.4
                                          14.0 13.8
                                                      13.6
                                                            13.3
                                                                  13.0
                                                                       12.6
                                                                              12.5
## [37705]
           12.3
                 11.9
                       11.8
                              11.7
                                    13.0
                                          14.6 16.2 17.2 18.2
                                                                  19.4 19.9
                                                                              20.2
## [37717]
           20.3
                 20.7
                        20.7
                              20.0
                                    18.5
                                          16.3
                                                15.0 14.3
                                                            14.0
                                                                  13.8
                                                                       13.7
           13.9
## [37729]
                 13.8
                       13.7
                              13.1
                                    13.3
                                          15.4
                                               17.1 18.2 18.8
                                                                 19.0 19.1
                                                                              18.8
## [37741]
            18.6
                 18.2
                       17.6
                              16.9
                                    15.9
                                          14.0
                                                13.0
                                                     12.6 12.3
                                                                  12.3
                                                                       11.4
                                                                              10.9
           10.3
                  9.8
                        9.9
                               9.8
                                          14.0 16.3 18.1 19.4 20.0
                                                                        20.5
                                                                              20.6
## [37753]
                                    10.7
                                          12.4 11.1
  [37765]
           20.3
                 19.8
                       19.1
                             17.9
                                    16.3
                                                     10.6
                                                           10.8
                                                                 10.7
                                                                        10.6
## [37777]
            10.4
                 10.2
                       10.2
                              10.3
                                    11.6
                                          13.8
                                               16.8
                                                     18.6
                                                            20.1
                                                                  21.1
                                                                        21.5
                                                                              21.6
## [37789]
           21.5
                 21.2
                       20.6
                              19.6
                                    18.3
                                          15.4
                                               14.0
                                                      13.4
                                                            13.2
                                                                  13.1
                                                                        13.3
                                                                              13.6
           13.5
                                                      20.7
                                                            22.0
## [37801]
                 14.0
                       14.0
                             13.9
                                    13.7
                                          15.8 18.6
                                                                  21.5
                                                                       19.8
                                                                              20.7
  [37813]
           21.1
                 22.2
                       21.9
                              21.5
                                    20.3
                                          16.0
                                                14.0
                                                     13.9
                                                            14.3
                                                                  14.6
                                                                        14.4
                                                                              14.7
## [37825]
            14.6
                 14.3
                        13.6
                              13.2
                                    14.1
                                          16.7
                                                20.0
                                                      21.7
                                                            23.4
                                                                  25.2
                                                                        26.4
                                                                              27.3
##
  [37837]
           27.6
                 27.2
                        26.1
                              23.7
                                    21.1
                                          18.2
                                                16.7
                                                      15.7
                                                            15.2
                                                                  14.6
                                                                        14.0
                                                                              13.3
                                                      19.7
  [37849]
           12.5
                 14.4
                       13.4
                              13.0
                                    13.6
                                          16.8
                                               18.7
                                                            20.4
                                                                  21.1
                                                                        21.8
                                                                              22.4
           22.9
## [37861]
                  23.1
                       23.1
                              22.6
                                    21.4
                                          18.6
                                               17.1
                                                      15.9
                                                            15.1
                                                                  14.8
                                                                       14.6
                                                                             14.0
## [37873]
           13.3
                 12.7
                        11.2
                              10.5
                                    12.4
                                          15.5
                                                17.5
                                                      19.2
                                                            19.0
                                                                  20.4
                                                                        20.5
                                                                              20.6
## [37885]
           20.5
                 20.4
                       19.4
                             18.6
                                    17.8
                                          15.7
                                                13.5
                                                     14.0 12.0 11.1 10.2
                                                                             10.0
## [37897]
            9.6
                  9.4
                       10.4
                              10.9
                                    10.8
                                         12.9
                                               14.8
                                                     16.2 17.4 18.6 19.7
## [37909]
           21.5
                 21.8
                       21.5
                              20.5
                                    18.9
                                          16.4
                                               14.9 13.6 12.8 12.5 11.8
                                                                             11.3
  [37921]
            10.7
                  10.2
                        9.9
                               9.6
                                    9.0
                                          12.5
                                                14.7
                                                      16.5
                                                            18.2
                                                                 19.8 21.3
                                                                              22.3
                              22.9
## [37933]
           24.2
                 24.4
                       23.9
                                    21.3
                                         18.2 15.1 13.2 12.0 11.1 10.3
                                                                               9.6
## [37945]
            9.0
                   8.4
                        7.9
                               7.3
                                    11.6
                                          14.6
                                                16.7
                                                      18.2 19.4
                                                                  20.7
                                                                        21.6
## [37957]
           23.4
                 23.9
                       23.5
                              22.6
                                    21.0
                                          18.2
                                                16.3 15.5
                                                            14.5
                                                                  14.4 13.3
                                                                             12.2
## [37969]
            11.6
                       10.6
                              10.3
                                    11.3
                                          13.6
                                                15.7
                                                      17.7
                 11.0
                                                            19.4
                                                                  21.0
                                                                        22.5
                                                                              23.7
## [37981]
           24.4
                 24.7
                              23.5
                                    21.8
                                                15.8
                                                     14.6
                        24.4
                                         18.4
                                                            13.7
                                                                  12.9
                                                                       12.1
                                                                              11.6
## [37993]
                                   12.3
                                                     19.9
                                                            21.2
                                                                  22.4
            11.1
                 10.8
                       10.6
                              10.3
                                          15.7
                                                18.0
                                                                        23.5
                                                            15.1
                                                                              13.5
## [38005]
            25.3
                 25.4
                       24.8
                              23.5
                                    21.8
                                          18.5
                                                16.0
                                                      15.1
                                                                  14.6
                                                                       13.9
##
  [38017]
            13.1
                 12.8
                       12.6
                              12.3
                                    11.9
                                          15.1
                                                17.5
                                                      19.4
                                                            20.5
                                                                  21.5
                                                                        22.4
                                                                              23.7
  [38029]
                       24.1
                              23.3
                                    22.1
                                          18.5
                                               16.4
                                                      15.7
                                                            15.8
                                                                  15.4
                                                                       15.0
                                                                             14.6
           24.4
                 24.4
## [38041]
           14.1
                 13.6
                       13.0
                              12.3
                                    12.5
                                          16.0
                                               18.7
                                                      20.9
                                                            22.5
                                                                  23.8
                                                                        24.3
                                                                              24.1
                              22.2
                                    20.5
## [38053]
           24.1
                 24.0
                        23.4
                                          17.4
                                                15.1
                                                      14.5
                                                            13.8
                                                                  13.5
                                                                        13.2
                                                                              13.2
## [38065]
            13.3
                 13.2
                       13.4
                              13.8
                                    15.8
                                          18.6
                                               21.1
                                                      23.1
                                                            23.8
                                                                  21.9
                                                                        24.2
                                                                              24.3
## [38077]
           24.5
                 24.4
                       23.8
                             22.7
                                    21.4
                                         18.5
                                               16.6 15.8 15.5
                                                                 15.1 14.6
## [38089]
           13.6 13.2 12.9
                             13.9
                                   15.8
                                          18.7
                                               21.0
                                                      22.7
                                                            23.9
                                                                  24.8 25.2 25.2
                                   22.7
## [38101]
           25.1 25.0 24.6 23.8
                                         20.0 17.9 16.6 15.8 15.5 15.4 15.1
```

```
## [38113]
            14.9
                  14.6 14.5 14.6 17.4 20.2 22.9
                                                       24.7 26.3 27.4
                                                                         28.1
  [38125]
            28.5
                  28.2
                        27.2
                              26.0
                                    24.5
                                          22.3
                                                20.9
                                                       20.0
                                                             19.6
                                                                   18.9
                                                                         18.1
## [38137]
                                           21.0
                                                 23.5
                                                       25.6
            17.5
                  17.7
                        17.7
                              17.8
                                    18.7
                                                             27.1
                                                                    28.0
                                                                          28.4
                                           20.7
                                                 20.3
## [38149]
            27.6
                  27.3
                        26.7
                              25.3
                                    23.6
                                                       18.9
                                                             17.6
                                                                   17.1
                                                                          16.1
                                                                                16.2
## [38161]
            16.0
                  15.8
                        15.2
                              14.5
                                    14.6
                                           16.7
                                                 18.0
                                                       18.9
                                                             20.0
                                                                    21.2
                                                                          22.4
                                                                                23.3
## [38173]
            23.8
                  23.8
                        23.5
                              22.6
                                    21.4
                                          19.2 17.4
                                                       16.7
                                                             15.5
                                                                   14.5
                                                                         14.0
                                                                                13.5
                        13.0
                              12.9
                                    15.1
                                           16.9
                                                 18.6
                                                       20.2
                                                             20.0
                                                                   19.6
                                                                         20.6
  [38185]
            13.1
                  12.9
## [38197]
                  22.4
                        22.3
                                    20.6
                                                 17.0
                                                       16.7
                                                             17.5
                                                                   16.6
            22.9
                              21.5
                                           18.8
                                                                         16.0
                                                                                15.0
##
   [38209]
            15.2
                  15.0
                        14.5
                              14.4
                                    15.7
                                           17.7
                                                 19.1
                                                       18.7
                                                             18.3
                                                                   19.5
                                                                          20.6
                                                                                23.3
                                    22.8
                                           20.5
                                                 17.9
##
  [38221]
            25.1
                  25.4
                        24.9
                              24.2
                                                       17.2
                                                             16.8
                                                                   16.2
                                                                         15.6
                                                                                15.1
  [38233]
            14.8
                  15.0
                        14.8
                              14.5
                                    15.9
                                           17.7
                                                 19.9
                                                       21.9
                                                             23.2
                                                                    24.1
                                                                          24.8
  [38245]
            24.2
                  24.1
                        23.8
                              23.2
                                    22.3
                                           20.4
                                                 18.3
                                                       18.0
                                                             18.0
                                                                   17.6
                                                                         17.4
                                                                                17.4
##
  [38257]
            17.3
                  16.8
                        16.2
                              15.9
                                    15.6
                                           18.1
                                                 20.1
                                                       22.0
                                                             24.0
                                                                   25.8
                                                                          27.1
                                                                                27.3
  [38269]
                  20.9
                        21.6
                              21.5
                                    23.3
                                           19.1
                                                 19.1
                                                             18.4
                                                                   17.5
                                                                          16.0
##
            24.3
                                                       18.8
                                                                                15.9
  [38281]
            15.7
                  15.8
                        15.0
                              13.9
                                    15.4
                                           15.9
                                                 17.0
                                                       18.1
                                                             19.4
                                                                    20.9
                                                                          21.9
                                                                                22.3
   [38293]
            22.3
                  21.9
                        21.0
                              20.1
                                    18.7
                                           16.8
                                                 15.6
                                                       15.0
                                                             14.3
                                                                    14.2
                                                                          14.2
                                                                                14.2
  [38305]
            14.2
                  14.1
                              14.1
                                    15.4
                                           17.9
                                                 20.7
                                                       20.1
                                                             19.6
                                                                   19.2 19.8
##
                        13.7
                                                                                21.3
  [38317]
            21.2
                  21.4
                        21.0
                              20.7
                                    19.8
                                           18.2
                                                 16.2
                                                       15.4
                                                             14.5
                                                                   14.1
                                                                         14.3
                                                                         21.5
  [38329]
                  14.9
                        14.8
                              15.6
                                    16.0
                                           18.2
                                                18.2
                                                       18.7
                                                             20.8
                                                                   21.2
            14.7
                                                                                21.6
## [38341]
            21.5
                  21.0
                        20.5
                              19.7
                                    19.0
                                           17.3
                                                 15.7
                                                       14.9
                                                             13.6
                                                                   13.7
                                                                          13.5
                                                                                13.4
                              13.4
## [38353]
            13.5
                  13.4
                        13.2
                                    14.7
                                           17.5
                                                 19.7
                                                       20.9
                                                             22.0
                                                                   20.7
                                                                          20.5
                                                                                20.5
  [38365]
            20.6
                  19.6
                        18.8
                              18.4
                                    18.3
                                           17.7
                                                 16.0
                                                       15.7
                                                             15.8
                                                                   15.1
                                                                          14.9
  [38377]
            14.0
                  13.3
                        13.4
                              13.6
                                    14.8
                                           15.0
                                                 16.0
                                                       16.2
                                                             16.5
                                                                   16.3
                                                                         16.6
                                                                                16.6
##
   [38389]
                  16.6
                        16.6
                              15.8
                                    15.9
                                           15.6
                                                 14.7
                                                       14.2
                                                             13.9
                                                                   14.0
                                                                         14.0
##
            16.5
                                           13.1
                                                14.7
##
  [38401]
            14.1
                  14.2
                        13.5
                              13.1
                                    12.9
                                                       16.1 17.3
                                                                   17.2 18.0
                                                                                19.5
  [38413]
            18.9
                  20.2
                        19.0
                              18.7
                                    18.6
                                           17.1
                                                 15.2
                                                       15.2
                                                             15.1
                                                                   14.7
                                                                          15.3
  [38425]
            15.4
                  15.0
                        14.5
                              14.2
                                    13.8
                                           16.1
                                                 17.3
                                                       19.1
                                                             18.6
                                                                   19.2
                                                                         19.2
                                                                                20.2
  [38437]
                                    19.6
                                           18.9
                                                 17.2
                                                       16.3
            21.1
                  21.1
                        20.1
                              20.6
                                                             15.6
                                                                   15.1
                                                                          14.3
                                                                                13.7
##
  [38449]
            13.4
                  13.2
                        13.2
                              13.0
                                    14.9
                                           17.5
                                                 19.4
                                                       21.0
                                                             22.3
                                                                   23.2
                                                                         24.0
                                                                                24.9
  [38461]
            25.1
                  24.9
                        24.6
                              23.8
                                    22.8
                                           21.0
                                                 18.7
                                                       16.1
                                                             16.0
                                                                   16.1
                                                                          15.7
                                                                                15.0
##
  [38473]
            14.9
                  15.5
                        15.3
                              14.7
                                    17.5
                                           20.2
                                                 22.3
                                                       23.6
                                                             24.2
                                                                    25.6
                                                                          26.9
                                                                                28.7
##
   [38485]
            28.2
                  25.9
                        24.1
                              22.4
                                    21.4
                                           20.0
                                                 18.2
                                                       18.3
                                                             17.0
                                                                   17.4
                                                                         17.2
                                                                                17.2
   [38497]
            17.0
                  16.8
                        16.2
                              15.8
                                    16.6
                                           17.1
                                                 18.6
                                                       19.8
                                                             20.7
                                                                    21.4
                                                                          21.7
                                                                                21.7
                                                 16.3
  [38509]
            22.5
                  22.0
                        21.3
                              20.7
                                    19.8
                                           18.1
                                                       15.5
                                                             15.1
                                                                   14.9
                                                                         14.4
                                                                                13.9
   [38521]
            13.5
                  13.3
                        13.5
                              13.5
                                    16.6
                                           17.7
                                                 17.5
                                                       17.4
                                                             17.9
                                                                   18.2
                                                                         17.3
                                                                                18.1
  [38533]
            17.1
                  16.8
                        16.2
                              16.1
                                    16.1
                                          15.6
                                                14.7
                                                       14.8
                                                             14.5
                                                                   14.3
                                                                         14.4
##
                                                                                14.4
  [38545]
            14.3
                  14.2
                        14.3
                              14.4
                                    15.0
                                           17.6
                                                17.8
                                                       19.0
                                                             19.5
                                                                   20.1
                                                                          22.3
  [38557]
            22.5
                  21.9
                        21.4
                              20.5
                                    20.2
                                           18.7
                                                 18.0
                                                       17.8
                                                             17.7
                                                                   16.7
                                                                          16.8
                                                                                15.9
   [38569]
            15.0
                  14.3
                        14.2
                              13.7
                                    15.5
                                           17.5
                                                 19.1
                                                       20.6
                                                             21.9
                                                                   23.0
                                                                          23.9
                                                                                24.4
##
  [38581]
            24.5
                  24.4
                        24.0
                              23.2
                                    22.3
                                           19.9
                                                 16.4 16.0 16.0
                                                                   14.8 14.3
                                                                                13.8
##
  [38593]
                        12.7
                              12.5
                                    15.7
                                           18.1
                                                 20.0
                                                       21.7
                                                             23.1
                                                                    22.7
            13.3
                  13.0
                                                                          22.6
  [38605]
            22.0
                  21.8
                        21.6
                              21.4
                                    21.4
                                          20.2
                                                 19.1 18.3
                                                             16.9
                                                                   16.1
                                                                         15.6
                                                                                15.4
                              15.7
                                    16.3
                                           16.2
                                                 16.8
                                                       17.2
                                                             17.4
   [38617]
            15.4
                  15.1
                        15.8
                                                                   17.3
                                                                         17.4
                                                                                17.8
            18.2
                              20.0
                                                       15.3
                                                             14.9
                                                                         14.0
##
   [38629]
                  18.9
                        20.3
                                    19.1
                                          17.8
                                                15.6
                                                                    14.4
                                                                                14.2
                                                 20.7
                                                       21.0
                                                             20.7
                                                                    20.9
  [38641]
            14.4
                  14.7
                        14.8
                              15.2
                                    16.3
                                           19.1
                                                                          21.2
                                                                                22.5
                  22.4
  [38653]
            22.3
                        21.7
                              21.4
                                    20.6
                                           19.4
                                                 17.5
                                                       16.6
                                                             16.0
                                                                   15.6
                                                                         15.3
                                                                                15.0
##
##
   [38665]
            14.5
                  14.1
                        13.8
                              13.5
                                    15.5
                                           17.8
                                                 19.3
                                                       20.6
                                                             21.7
                                                                    22.5
                                                                          23.0
                                                                                23.3
  [38677]
                                    21.0
                                           19.3
                                                 17.2
                                                       16.4
                                                             16.0
                                                                   15.8
                                                                         15.6
                                                                                15.2
            23.2
                  22.8
                        22.4
                              21.8
  [38689]
            14.9
                  14.8
                        14.3
                              13.7
                                    16.0
                                           18.7
                                                 20.6
                                                       22.0
                                                             23.0
                                                                    23.7
                                                                          24.4
                                                                                24.6
## [38701]
            24.7
                  24.5
                        24.2
                              23.7
                                    23.1
                                           21.2
                                                 18.1
                                                       17.1
                                                             16.8
                                                                   16.5
                                                                          16.2
                                                                                16.0
## [38713]
            15.9
                  15.5
                        15.1
                              14.7
                                    17.0
                                           19.7
                                                 21.8
                                                       23.3
                                                             24.5
                                                                   25.2
                                                                          25.7
                                                                                26.2
## [38725]
            26.3
                  26.2
                        25.9
                              25.2
                                    23.9
                                          21.8 19.3 18.1
                                                             17.3
                                                                   16.9
                                                                          16.7
## [38737]
            16.1
                  15.9
                        16.0
                              16.1
                                    18.6
                                          21.2 23.4
                                                       25.1
                                                             26.5
                                                                   27.3
                                                                         27.7
                                                                                27.7
## [38749]
            27.4 27.3
                        26.8 26.2
                                    25.2
                                          23.1 21.2 20.4 20.1 19.6 19.3 18.9
```

```
## [38761]
            18.6
                   19.0 19.0
                               18.8
                                      19.9
                                            22.6 24.8
                                                         26.7
                                                                28.0
                                                                      29.2
                                                                             30.1
                                                                                   20.8
   [38773]
            30.4
                   30.1
                         29.3
                                28.2
                                      27.0
                                            24.6
                                                   22.8
                                                         22.4
                                                                21.9
                                                                      21.4
                                                                             21.0
   [38785]
                                             23.4
            20.5
                   20.1
                         19.9
                                20.1
                                      21.1
                                                   25.5
                                                         27.2
                                                                28.6
                                                                       29.8
                                                                             30.7
                                28.9
                                             25.3
                                                   23.1
                                                                20.1
   [38797]
            31.0
                   30.7
                         30.0
                                      27.5
                                                         21.4
                                                                       19.4
                                                                             18.9
                                                                                   18.4
   [38809]
            18.2
                   18.4
                         18.8
                                18.9
                                      20.7
                                             23.4
                                                   25.4
                                                          27.4
                                                                28.9
                                                                       29.5
                                                                             29.8
                                                                                   29.2
   [38821]
            28.7
                   28.0
                         27.1
                                26.0
                                      24.6
                                            22.8
                                                   20.6
                                                         19.7
                                                                19.2
                                                                      20.5
                                                                             20.3
##
                                                                                   20.1
                                      17.8
                                            17.4
                                                   18.8
                                                         21.3
                                                                23.2
                                                                       23.1
   [38833]
            19.9
                   17.9
                         17.2
                                17.0
                                                                             23.9
                         25.5
                                      23.4
                                            21.5
                                                         18.6
                                                                18.1
                                                                       18.6
                                                                                   19.1
##
   [38845]
            25.4
                   24.5
                                24.9
                                                   19.3
                                                                             19.1
##
   [38857]
            16.5
                   17.7
                         17.6
                                16.8
                                      17.8
                                             20.0
                                                   21.6
                                                         22.5
                                                                23.3
                                                                       23.9
                                                                             24.7
                                                                                   25.5
                                            22.4
                                                   19.2
##
   [38869]
            26.0
                   26.2
                         26.0
                                25.4
                                      24.4
                                                         17.8
                                                                17.3
                                                                       16.7
                                                                             16.1
                                                                                   15.9
                                             20.9
   [38881]
            15.9
                   16.0
                         16.1
                                16.1
                                      18.1
                                                   23.0
                                                          24.5
                                                                25.7
                                                                       26.4
                                                                             26.9
                                                                                   27.4
   [38893]
            27.5
                   27.5
                         27.2
                                26.6
                                      25.5
                                             23.4
                                                   19.8
                                                         18.9
                                                                18.3
                                                                       17.8
                                                                             17.5
                                                                                   17.0
##
##
   [38905]
            16.6
                   16.3
                         16.2
                                16.1
                                      19.2
                                             22.2
                                                   23.9
                                                          25.5
                                                                26.7
                                                                       27.6
                                                                             28.2
                                                                                   28.7
   [38917]
                   28.6
                         28.3
                                      26.4
                                             24.2
                                                   21.3
                                                          19.9
                                                                19.0
                                                                       18.2
                                                                             17.3
##
            28.7
                                27.6
                                                                                   16.3
   [38929]
            15.5
                   15.2
                         15.1
                                15.0
                                      17.7
                                             19.9
                                                   21.6
                                                         22.9
                                                                24.2
                                                                       25.5
                                                                             26.7
                                                                                   27.8
   [38941]
            28.5
                   28.8
                         28.8
                                28.2
                                      27.0
                                             24.5
                                                   21.1
                                                          19.5
                                                                18.5
                                                                       17.6
                                                                             17.0
                                                                                   16.6
   [38953]
                   16.1
                                15.5
                                      18.9
                                             21.6
                                                   24.3
                                                         26.9
                                                                28.9
                                                                       30.4
                                                                             31.2
##
            16.3
                         15.7
                                                                                   31.5
   [38965]
            31.5
                   31.1
                         30.6
                                29.9
                                      28.7
                                             26.4
                                                   23.0
                                                         21.2
                                                                19.9
                                                                       19.2
                                                                             18.8
   [38977]
            18.9
                   18.8
                         19.3
                                19.7
                                      21.8
                                            24.9
                                                   27.4
                                                         29.4
                                                                31.0
                                                                       32.0
                                                                             32.2
                                                                                   32.0
   [38989]
            32.0
                   31.5
                         31.0
                                30.3
                                      29.1
                                             27.1
                                                   24.5
                                                          23.4
                                                                22.6
                                                                       22.2
                                                                             21.7
                                                                                   21.3
##
  [39001]
            21.0
                   20.6
                         20.4
                                20.5
                                      22.9
                                             25.8
                                                   28.3
                                                         30.4
                                                                32.3
                                                                       33.7
                                                                             34.7
                                                                                   35.0
   [39013]
            34.8
                   34.4
                         33.8
                                32.9
                                      31.6
                                             29.0
                                                   25.8
                                                         24.3
                                                                23.7
                                                                       23.8
                                                                             23.1
                                                                                   22.5
   [39025]
            21.9
                   21.7
                                21.4
                                      24.7
                                             27.4
                                                   29.4
                                                         31.0
                                                                31.6
                                                                       31.8
                                                                             32.6
##
                         21.8
                                                                                   33.4
   [39037]
                   33.8
                         33.2
                                32.3
                                      31.0
                                             28.5
                                                   25.9
                                                          24.7
                                                                23.9
                                                                       23.0
                                                                             21.7
##
            33.8
                                                                                   20.8
            20.6
                                      21.8
                                            23.5
                                                   25.2
                                                         26.4
                                                                27.4
                                                                       28.3
                                                                             29.2
##
   [39049]
                   20.1
                         19.6
                                19.6
                                                                                   29.7
   [39061]
            29.9
                   30.0
                         29.7
                                29.0
                                      27.8
                                             25.9
                                                   23.7
                                                          22.7
                                                                21.7
                                                                       20.9
                                                                             20.1
                                                                                   19.4
   [39073]
            18.5
                   17.6
                         17.1
                                17.2
                                      20.4
                                             22.4
                                                   24.2
                                                         25.9
                                                                26.8
                                                                       27.5
                                                                             28.1
                                                                                   28.4
##
   [39085]
                         27.5
                                      25.0
                                             23.2
                                                   21.4
                                                          20.6
                                                                19.8
##
            28.4
                   28.1
                                26.4
                                                                       19.1
                                                                             18.5
                                                                                   18.0
   [39097]
            17.7
                   17.4
                         17.0
                                16.7
                                      18.9
                                             20.7
                                                   22.1
                                                          23.1
                                                                24.5
                                                                       25.6
                                                                             26.4
                                                                                   27.0
##
   [39109]
            27.1
                   26.9
                         26.2
                                25.2
                                      23.9
                                             22.3
                                                   20.7
                                                          20.2
                                                                19.5
                                                                       18.9
                                                                             18.3
                                                                                   17.8
##
   [39121]
            17.2
                   16.6
                         15.9
                                15.6
                                      18.1
                                             20.2
                                                   22.5
                                                         24.1
                                                                25.5
                                                                       26.5
                                                                             27.3
                                                                                   27.8
##
   [39133]
            28.1
                   27.9
                         27.4
                                26.5
                                      25.2
                                             23.6
                                                   22.0
                                                         21.4
                                                                20.5
                                                                       19.5
                                                                             18.6
                                                                                   17.8
                                                         25.6
   [39145]
            17.3
                   17.1
                         16.8
                                16.9
                                      19.3
                                             21.3
                                                   23.5
                                                                26.6
                                                                       27.5
                                                                             28.3
                                                                                   28.7
                                                         22.8
   [39157]
            28.9
                   28.9
                         28.3
                                27.5
                                      26.3
                                            24.7
                                                   23.2
                                                                22.3
                                                                       21.7
                                                                             21.3
                                                                                   21.0
   [39169]
            20.6
                   20.2
                         20.0
                                20.0
                                      21.1
                                             23.2
                                                   25.4
                                                          27.6
                                                                29.4
                                                                       29.9
                                                                             30.6
                                                                                   30.9
  [39181]
            30.7
                   30.4
                         29.5
                                28.3
                                      26.7
                                             24.7
                                                   22.9
                                                         22.2
                                                                21.3
                                                                       20.3
                                                                             19.5
##
                                                                                   18.7
  [39193]
            18.0
                   17.5
                         17.2
                                17.0
                                      19.6
                                             22.2
                                                   24.5
                                                         26.2
                                                                27.2
                                                                       28.3
                                                                             29.2
                                                                                   29.9
  [39205]
            30.2
                   30.1
                         29.6
                                28.8
                                      27.5
                                            25.6
                                                   22.9
                                                         21.3
                                                                20.7
                                                                       20.6
                                                                             19.9
                                                                                   19.5
##
   [39217]
            19.1
                   18.9
                         18.7
                                18.6
                                      20.8
                                             23.3
                                                   25.6
                                                         27.2
                                                                28.1
                                                                       29.2
                                                                             30.2
                                                                                   30.8
##
                                                                22.5
   [39229]
            31.2
                   31.3
                         31.0
                                30.3
                                      29.1
                                            27.2
                                                   24.6
                                                         23.5
                                                                      21.8
                                                                             21.0
                                                                                   20.5
##
   [39241]
                   19.5
                         19.2
                                19.1
                                      22.1
                                             25.0
                                                   27.2
                                                         28.9
                                                                30.0
                                                                       31.1
            20.0
                                                                             31.9
                                                                                   32.7
   [39253]
            33.1
                   33.1
                         32.7
                                31.7
                                      30.5
                                            28.6
                                                   25.1
                                                         23.6
                                                                22.8
                                                                      22.0
                                                                             21.1
                                                                                   20.3
                                      21.4
                                                   25.3
                                                          26.8
                                                                27.9
   [39265]
            19.4
                   18.9
                         18.7
                                18.7
                                             23.5
                                                                       29.2
                                                                             30.3
                                                                                   31.0
            31.3
                         30.8
                                                   24.7
                                                          23.0
                                                                21.9
                                                                             20.6
##
   [39277]
                   31.2
                                30.1
                                      29.1
                                             27.3
                                                                       21.2
                                                                                   21.1
                                                   25.0
                                                          26.3
                                                                27.5
   [39289]
            21.1
                   20.0
                         19.4
                                19.4
                                      22.4
                                             23.8
                                                                       28.8
                                                                             29.8
                                                                                   30.6
                                                          23.4
                                                                22.3
   [39301]
            31.1
                   31.3
                         31.1
                                30.6
                                      29.7
                                             27.8
                                                   24.9
                                                                       21.3
                                                                             20.5
                                                                                   20.1
##
                                                         30.3
##
   [39313]
            19.5
                   19.2
                         19.1
                                19.1
                                      22.2
                                             25.3
                                                   28.0
                                                                32.2
                                                                       33.4
                                                                             34.4
                                                                                   34.8
   [39325]
                                             27.9
                                                   26.1
                                                         24.4
                                                                24.8
                                                                       24.1
                                                                             23.3
                                                                                   22.2
##
            34.7
                   34.0
                         32.6
                                31.3
                                      29.9
   [39337]
            21.1
                   20.0
                         19.6
                                20.1
                                      22.1
                                             23.8
                                                   24.8
                                                         25.3
                                                                26.5
                                                                       25.2
                                                                             25.6
                                                                                   25.8
   [39349]
            25.9
                   25.9
                         26.5
                                25.7
                                      24.7
                                             23.0
                                                   21.3
                                                         20.6
                                                                20.1
                                                                       19.3
                                                                             18.4
                                                                                   17.6
## [39361]
            16.9
                   16.6
                         16.3
                                16.2
                                      19.5
                                             21.5
                                                   22.9
                                                         24.1
                                                                24.9
                                                                       25.6
                                                                             26.4
                                                                                   27.1
                                            23.9
## [39373]
            27.4
                   27.5
                         27.1
                                26.5
                                      25.6
                                                   21.0
                                                         19.9
                                                                18.9
                                                                      18.3
                                                                             17.9
                                                                                   17.4
## [39385]
            17.1
                   16.9
                         16.7
                                16.7
                                      19.2
                                            22.0
                                                   23.5
                                                         24.6
                                                                25.6
                                                                      26.5
                                                                             27.3
                                                                                   27.9
## [39397]
            28.4
                   28.4
                         28.0 27.4
                                      26.4
                                            24.7
                                                   22.2
                                                         21.0 20.2 19.6 18.9
                                                                                   18.5
```

```
## [39409]
             18.2
                   18.1 18.0 18.0
                                      20.5
                                             22.8
                                                   24.1
                                                          25.2
                                                                 25.9
                                                                       26.8
                                                                              27.6
                                                                 20.6
   [39421]
            28.4
                   28.3
                          27.8
                                27.0
                                      25.7
                                             23.8
                                                   21.8
                                                          21.1
                                                                       20.0
                                                                              19.5
                                                                                    19.0
   [39433]
             18.4
                   18.1
                          18.0
                                17.8
                                      20.2
                                             22.5
                                                    23.7
                                                          24.5
                                                                 25.2
                                                                       25.9
                                                                              26.7
                                             22.9
                                                    21.2
                                                          20.9
                                                                 20.5
                                                                       20.2
   [39445]
            27.1
                   26.8
                          26.3
                                25.4
                                      24.3
                                                                              19.8
                                                                                    19.4
   [39457]
             19.0
                   18.5
                          18.1
                                17.8
                                      20.1
                                             22.3
                                                    24.4
                                                          25.4
                                                                 26.0
                                                                       26.5
                                                                              27.3
                                                                                    27.6
   [39469]
            27.6
                   27.4
                         27.0
                                26.2
                                      25.2
                                             23.6
                                                   21.7
                                                          21.0
                                                                 20.3
                                                                       19.5
                                                                              19.0
##
                                                                                    18.6
                                      19.2
                                             21.7
                                                    23.8
                                                          25.2
                                                                 26.1
   [39481]
             18.2
                   17.8
                          17.6
                                17.4
                                                                       27.0
                                                                              28.0
                   29.6
                          29.2
                                      27.2
                                             25.3
                                                    22.4
                                                          20.7
                                                                 19.6
                                                                       18.4
##
   [39493]
             29.5
                                28.4
                                                                             17.9
                                                                                    17.8
##
   [39505]
             17.8
                   18.2
                          18.2
                                17.9
                                      19.7
                                             23.2
                                                    25.4
                                                          27.3
                                                                 28.7
                                                                       29.9
                                                                              31.0
                                                                                    31.9
                   32.5
                                      30.9
                                             29.2
                                                    26.2
                                                          25.2
                                                                       24.0
                                                                              24.0
                                                                                    24.0
##
   [39517]
             32.3
                          32.4
                                31.8
                                                                 24.4
   [39529]
             23.9
                   23.7
                          23.2
                                22.7
                                       24.7
                                             28.1
                                                    31.0
                                                          32.6
                                                                 33.8
                                                                       34.9
                                                                              35.6
                                                                                    36.0
                                                    27.4
   [39541]
             36.2
                   36.1
                          35.3
                                33.9
                                      32.9
                                             31.0
                                                          25.3
                                                                 24.9
                                                                       24.3
                                                                              23.3
                                                                                    22.2
##
                                                          27.6
##
   [39553]
             21.1
                   20.2
                          19.8
                                19.9
                                       23.4
                                             25.4
                                                    26.6
                                                                 28.6
                                                                       29.7
                                                                              30.5
                                                                                    30.9
   [39565]
             31.3
                          30.8
                                29.8
                                      28.5
                                             26.9
                                                    24.5
                                                          22.9
                                                                 21.5
                                                                       20.9
                                                                              20.5
                                                                                    20.3
##
                   31.1
   [39577]
            20.0
                   19.7
                          19.8
                                19.9
                                       21.5
                                             24.5
                                                    26.7
                                                          28.4
                                                                 29.7
                                                                       30.9
                                                                              32.0
                                                                                    32.8
##
   [39589]
             33.2
                   33.5
                          33.5
                                32.7
                                      31.7
                                             30.0
                                                    26.9
                                                          26.0
                                                                 26.0
                                                                       25.8
                                                                              25.4
                                                                                    24.6
   [39601]
             24.5
                   24.4
                          24.3
                                23.8
                                      25.1
                                             27.0
                                                    28.9
                                                          30.5
                                                                 31.6
                                                                       32.2
                                                                              32.2
##
                                                                                    32.8
   [39613]
             33.1
                   32.6
                          32.4
                                31.7
                                      30.6
                                             29.1
                                                    26.5
                                                          25.5
                                                                 24.8
                                                                       23.8
                                                                              22.7
                                                                                    21.5
   [39625]
                   20.1
                          20.0
                                20.4
                                      22.5
                                             24.9
                                                    27.0
                                                          28.7
                                                                 30.1
                                                                       31.3
                                                                              32.4
                                                                                    32.9
             20.3
   [39637]
             33.3
                   33.0
                          32.8
                                32.5
                                      31.6
                                             30.0
                                                    26.1
                                                          24.9
                                                                 24.1
                                                                       23.2
                                                                              22.6
                                                                                    21.9
##
   [39649]
            21.0
                   20.5
                          20.4
                                20.1
                                      23.5
                                             26.6
                                                    28.8
                                                          30.6
                                                                 32.2
                                                                       33.2
                                                                              34.2
                                                                                    34.8
   [39661]
             35.2
                   35.1
                          34.8
                                34.4
                                      33.5
                                             31.7
                                                    27.7
                                                          26.3
                                                                 25.5
                                                                       25.1
                                                                              25.0
            23.6
   [39673]
                   22.9
                          22.9
                                22.6
                                      26.1
                                             28.8
                                                    30.4
                                                          31.8
                                                                 33.2
                                                                       34.3
                                                                              35.4
                                                                                    36.1
##
   [39685]
                   36.5
                          35.9
                                34.8
                                      33.7
                                             32.0
                                                    29.3
                                                          27.8
                                                                 25.8
                                                                       24.8
                                                                              24.6
##
             36.5
                                                                                    24.3
                                22.6
                                      25.0
                                             28.3
                                                    30.4
                                                          32.2
                                                                 33.7
                                                                       34.9
                                                                              35.6
                                                                                    36.6
##
   [39697]
             23.9
                   23.4
                          23.0
                                                    30.2
   [39709]
             37.0
                   37.0
                          36.7
                                36.3
                                      35.2
                                             33.2
                                                          29.0
                                                                 27.6
                                                                       26.4
                                                                              25.5
                                                                                    24.3
   [39721]
             23.7
                   23.3
                          23.3
                                23.4
                                      26.7
                                             27.6
                                                    28.3
                                                          30.4
                                                                 33.4
                                                                       34.8
                                                                              35.6
                                                                                    36.2
##
                   35.5
                                32.8
                                      31.2
                                             29.1
                                                    26.4
                                                          25.1
                                                                 24.1
                                                                       23.2
                                                                              22.3
##
   [39733]
             36.1
                          34.4
                                                                                    21.6
                                                          28.3
                                                                 30.0
                                                                              33.0
   [39745]
             21.3
                   21.0
                          20.7
                                21.1
                                      23.3
                                             24.8
                                                    26.7
                                                                       31.6
                                                                                    34.0
##
   [39757]
             34.6
                   34.8
                          34.7
                                34.3
                                      33.2
                                             30.5
                                                    27.2
                                                          25.7
                                                                 24.4
                                                                       23.6
                                                                              22.8
                                                                                    22.0
##
   [39769]
             21.4
                   21.0
                          20.8
                                20.5
                                      23.2
                                             25.6
                                                    27.7
                                                          29.7
                                                                 31.4
                                                                       32.8
                                                                              34.2
                                                                                    35.3
##
   [39781]
             35.9
                   36.1
                          35.9
                                35.1
                                      33.8
                                             31.2
                                                    27.2
                                                          25.3
                                                                 23.9
                                                                       22.8
                                                                              22.2
                                                                                    21.7
                                                    29.9
                                                          32.1
                                                                 33.9
   [39793]
             21.4
                   21.1
                          21.0
                                20.8
                                      23.5
                                             27.1
                                                                       35.4
                                                                              36.5
                                                                                    37.5
                                      36.0
                                                    28.3
                                                          27.1
   [39805]
                   38.0
                          37.7
                                37.1
                                             32.8
                                                                 26.7
                                                                       25.8
                                                                              25.0
             37.8
                                                                                    26.8
                                                          27.9
   [39817]
             25.8
                   24.8
                          24.1
                                23.4
                                      23.9
                                             25.0
                                                    26.4
                                                                 28.0
                                                                       28.2
                                                                              29.2
                                                                                    29.5
   [39829]
            29.4
                   29.1
                          28.6
                                27.7
                                      26.5
                                             24.8
                                                    23.3
                                                          22.8
                                                                 22.2
                                                                       21.4
                                                                              20.9
##
                                                                                    20.6
   [39841]
             20.2
                   19.8
                          19.3
                                18.4
                                      21.3
                                             23.4
                                                    25.0
                                                          26.3
                                                                 27.2
                                                                       28.4
                                                                              29.0
                                                                                    29.3
   [39853]
             29.2
                   29.1
                          28.4
                                27.6
                                      26.3
                                             24.4
                                                    22.7
                                                          22.2
                                                                 21.7
                                                                       21.2
                                                                              20.7
                                                                                    20.2
##
   [39865]
             19.7
                   19.1
                          18.5
                                18.2
                                      20.9
                                             23.3
                                                    25.4
                                                          26.8
                                                                 27.4
                                                                       28.5
                                                                              29.1
                                                                                    29.4
##
                                                          22.0
                                                                       20.4
   [39877]
             29.6
                   29.4
                          28.9
                                27.8
                                      26.3
                                             24.3
                                                    22.6
                                                                 21.2
                                                                              19.4
                                                                                    18.6
##
   [39889]
                   17.9
                                      20.1
                                             22.8
                                                    25.0
                                                          26.4
                                                                 27.8
                                                                       29.2
                                                                              30.8
             18.2
                          17.7
                                17.6
                                                                             20.1
   [39901]
            31.6
                   31.1
                          30.8
                                29.7
                                      28.2
                                             26.0
                                                    23.7
                                                          22.9
                                                                 22.0
                                                                       21.0
                                                                                    19.7
   [39913]
                                      21.4
                                                    25.2
                                                          26.6
                                                                 27.6
             19.4
                   19.2
                          19.3
                                19.4
                                             23.5
                                                                       28.7
                                                                              30.2
                                                                                    31.2
             31.8
                   32.0
                                30.6
                                                    24.3
                                                          23.1
                                                                 22.1
                                                                              20.3
##
   [39925]
                          31.6
                                      29.1
                                             26.8
                                                                       21.2
                                                                                    19.3
                                                    25.0
                                                          26.6
                                                                 27.9
                                                                       29.1
   [39937]
             18.6
                   18.1
                          18.0
                                17.8
                                      20.8
                                             23.3
                                                                              30.8
                                                                                    31.6
                                             27.6
                                                    25.3
                                                          24.0
                                                                 22.5
                                                                       22.3
   [39949]
             32.1
                   32.2
                          31.8
                                30.9
                                      29.7
                                                                              21.5
                                                                                    20.6
##
                                                          27.8
##
   [39961]
             19.7
                   19.0
                          18.8
                                18.7
                                      21.8
                                             24.1
                                                    26.2
                                                                 29.4
                                                                       30.1
                                                                              30.8
                                                                                    31.3
   [39973]
                                             26.6
                                                   24.6
                                                          23.6
                                                                 23.0
                                                                       22.4
##
             31.6
                   31.5
                          30.8
                                29.8
                                      28.5
                                                                              21.8
                                                                                    21.4
   [39985]
             21.1
                   20.8
                          20.5
                                20.3
                                      23.2
                                             25.3
                                                    27.2
                                                          28.7
                                                                 29.5
                                                                       30.8
                                                                              32.3
                                                                                    33.4
                                                          25.2
   [39997]
             33.8
                   33.6
                          33.1
                                32.1
                                      30.7
                                             28.4
                                                    26.3
                                                                 24.1
                                                                       23.3
                                                                              23.5
                                                                                    23.1
## [40009]
             22.9
                   22.7
                          22.6
                                22.6
                                      23.8
                                             24.9
                                                    26.5
                                                          28.2
                                                                 29.7
                                                                       31.2
                                                                              32.5
                                                                                    33.7
## [40021]
             34.3
                   34.7
                          34.4
                                33.6
                                      32.4
                                             30.3
                                                    27.6
                                                          26.2
                                                                 24.9
                                                                       23.6
                                                                              23.7
                                                                                    23.2
## [40033]
            23.1
                   22.8
                          22.9
                                23.0
                                      23.7
                                             24.7
                                                    25.8
                                                          27.2
                                                                 28.3
                                                                       29.5
                                                                             31.4
                                                                                    33.4
                                             30.0
                                                   27.1
## [40045]
             34.7
                   35.4
                         35.4 34.0
                                      32.2
                                                          25.9
                                                                 24.6 23.5 22.8
                                                                                    22.5
```

```
## [40057]
            22.0
                  21.8
                         21.4 21.5
                                      22.8
                                            24.9
                                                  26.9
                                                         28.7
                                                               30.4 31.9
                                                                            33.1
## [40069]
            33.9
                  33.8
                         33.6
                               32.8
                                      31.5
                                            29.4
                                                  26.9
                                                         25.2
                                                               23.8
                                                                     22.8
                                                                            22.1
                                                                                  21.6
                                                         29.4
## [40081]
            21.2
                  20.5
                         20.1
                               19.7
                                      22.5
                                            25.2
                                                  27.3
                                                               31.4
                                                                     33.1
                                                                            34.3
                                                                                  35.1
                                            29.2
                                                  27.1
                                                               25.1
                                                                      23.6
## [40093]
            34.0
                  33.8
                         33.4
                               32.5
                                      31.2
                                                         26.3
                                                                            22.8
                                                                                  22.9
## [40105]
            22.7
                   22.1
                         21.4
                               20.8
                                      24.2
                                            26.6
                                                  28.4
                                                         31.1
                                                               33.1
                                                                      34.5
                                                                            35.8
                                                                                  36.6
## [40117]
            36.1
                  35.6
                         34.4
                               33.2
                                      31.6
                                            29.1
                                                  26.4
                                                         25.1
                                                               24.3
                                                                     23.7
                                                                            22.7
                                                                                  22.2
                         21.8
                               21.5
                                      23.1
                                            26.5
                                                  29.8
                                                         31.8
                                                               33.0
                                                                      34.0
## [40129]
            21.7
                   21.7
                                                                            35.1
                  36.0
                         34.3
                                      32.8
                                            29.9
                                                  27.5
                                                         26.5
                                                               25.4
                                                                      23.9
                                                                            22.9
## [40141]
            36.6
                               33.4
                                                                                  22.2
                                                  27.3
                                                               29.1
   [40153]
            21.4
                   20.7
                         20.7
                               20.5
                                      23.6
                                            25.6
                                                         28.5
                                                                      30.0
                                                                            31.0
                                                                                  31.5
                                            26.8
                                                  24.9
                                                         24.1
                                                               23.3
                                                                      22.5
                                                                            22.0
##
  [40165]
            31.8
                   31.7
                         31.0
                               30.1
                                      28.8
                                                                                  21.2
  [40177]
            20.5
                   20.0
                         19.5
                               19.2
                                      20.9
                                            23.4
                                                  25.5
                                                         27.2
                                                               28.5
                                                                      29.4
                                                                            29.8
                                      29.2
                                            27.6
                                                         23.4
                                                               22.5
## [40189]
            30.7
                   30.9
                         30.7
                               30.2
                                                  24.7
                                                                      21.9
                                                                            21.9
                                                                                  22.4
## [40201]
            21.5
                   20.3
                         19.7
                               19.4
                                      21.1
                                            23.7
                                                   25.6
                                                         28.1
                                                               29.9
                                                                      31.5
                                                                            32.8
                                                                                  33.7
## [40213]
            34.3
                   34.1
                               30.0
                                      29.4
                                            28.2
                                                  25.9
                                                         24.6
                                                               23.8
                                                                      23.0
                                                                            22.2
                         31.9
                                                                                  21.4
## [40225]
            21.0
                   20.8
                         20.6
                               20.2
                                      22.7
                                            25.2
                                                  26.5
                                                         28.4
                                                               29.7
                                                                      30.7
                                                                            31.7
                                                                                  32.4
   [40237]
            32.8
                   33.0
                         32.5
                               30.8
                                      28.8
                                            26.9
                                                  24.4
                                                         23.6
                                                               23.3
                                                                      22.9
                                                                            22.5
                                                                                  22.1
  [40249]
            21.9
                   22.2
                         22.2
                               22.0
                                      22.8
                                            25.6
                                                  27.7
                                                         29.5
                                                               31.1
                                                                      32.4
                                                                            33.7
##
                                                                                  34.5
## [40261]
            34.2
                   33.1
                         32.1
                               31.4
                                      30.1
                                            27.9
                                                  25.4
                                                         24.9
                                                               24.6
                                                                      24.3
                                                                            24.1
                                                                                  24.5
                                                         29.9
                                                                            33.7
## [40273]
                   23.6
                         23.0
                               22.5
                                      22.4
                                            25.6
                                                  27.9
                                                               31.4
                                                                     32.6
            24.2
                                                                                  34.5
## [40285]
            34.9
                   35.1
                         34.5
                               33.9
                                      32.8
                                            30.4
                                                  27.0
                                                         25.4
                                                               25.0
                                                                      25.2
                                                                            25.2
                                                                                  25.0
                         23.1
## [40297]
            24.4
                   23.6
                               22.8
                                      23.5
                                            27.3
                                                  29.9
                                                         31.9
                                                               33.6
                                                                     34.8
                                                                            35.6
                                                                                  36.2
## [40309]
            36.4
                   36.4
                         35.8
                               35.0
                                      33.9
                                            31.3
                                                  28.3
                                                         26.7
                                                               26.3
                                                                      26.6
                                                                            26.3
                                                               33.3
## [40321]
            25.4
                   24.7
                         24.2
                               23.7
                                      24.2
                                            27.5
                                                  30.2
                                                         32.0
                                                                      34.5
                                                                            35.4
                                                                                  36.2
   [40333]
            36.6
                   36.7
                         36.2
                               35.3
                                      34.1
                                            31.2
                                                  28.2
                                                         27.8
                                                               27.4
                                                                      27.3
                                                                            27.0
##
                                                                                  26.4
                                            28.4
            25.3
                  24.4
                               24.2
                                      25.5
                                                  29.5
                                                         30.9
                                                               32.9
                                                                      34.3
                                                                            34.9
                                                                                  34.9
## [40345]
                         24.2
                                            30.6
                                                               25.9
  [40357]
            35.6
                   35.8
                         35.3
                               34.4
                                      33.1
                                                  28.2
                                                         26.9
                                                                      25.4
                                                                            25.0
                                                                                  24.3
  [40369]
            23.4
                   22.6
                         21.8
                               21.3
                                      22.8
                                            26.1
                                                  28.1
                                                         29.3
                                                               30.3
                                                                      31.2
                                                                            32.3
                                                                                  33.1
##
## [40381]
                                      29.9
                                            27.5
                                                  25.9
                                                         24.9
                                                               23.9
                                                                      23.0
                                                                            22.3
            33.3
                   33.1
                         32.5
                               31.4
                                                                                  21.7
                               20.8
                                                         27.8
                                                               28.7
                                                                      29.7
                                                                            30.6
## [40393]
            21.3
                  21.1
                         21.0
                                      22.0
                                            24.4
                                                  26.3
                                                                                  31.3
  [40405]
            31.7
                   31.6
                         31.2
                               30.4
                                      29.0
                                            26.8
                                                  25.2
                                                         24.4
                                                               23.6
                                                                      22.9
                                                                            22.2
                                                                                  21.7
                                                         27.9
## [40417]
            21.2
                   20.7
                         20.2
                               19.8
                                      21.4
                                            24.0
                                                  26.3
                                                               28.5
                                                                      29.4
                                                                            30.1
                                                                                  30.5
##
   [40429]
            30.8
                   30.8
                         30.1
                               29.2
                                      27.6
                                            25.3
                                                  24.1
                                                         23.6
                                                               23.0
                                                                      22.3
                                                                            21.7
                                                                                  21.3
                                            22.4
                                                  24.2
                                                         24.2
                                                                            25.8
  [40441]
            21.1
                   20.7
                         20.2
                               19.8
                                      20.3
                                                               24.4
                                                                      24.4
                                                                                  26.5
## [40453]
            27.9
                   27.9
                         27.2
                               26.5
                                      25.6
                                            23.8
                                                  22.2
                                                         21.6
                                                               20.8
                                                                      20.4
                                                                            20.2
                                                                                  19.5
## [40465]
            18.3
                   17.9
                         18.2
                               18.4
                                      18.7
                                            21.5
                                                  23.6
                                                         25.4
                                                               26.7
                                                                      27.6
                                                                            28.5
                                                                                  29.3
## [40477]
            29.9
                  30.1
                         29.8
                               28.8
                                      26.9
                                            24.0
                                                  22.4
                                                         22.0
                                                               21.8
                                                                     21.2
                                                                            20.7
                                                                                  20.6
## [40489]
            20.4
                  20.1
                         19.9
                               19.3
                                      20.3
                                            23.3
                                                  25.8
                                                         27.6
                                                               29.1
                                                                     30.3
                                                                            31.2
                                                                                  32.0
## [40501]
            32.5
                  32.7
                         32.2
                               31.2
                                      29.6
                                            26.3
                                                  24.8
                                                         24.0
                                                               23.3
                                                                     22.9
                                                                            22.7
                                                                                  22.0
   [40513]
            21.4
                   21.0
                         20.6
                               20.1
                                      22.0
                                            24.7
                                                  27.7
                                                         29.4
                                                               30.9
                                                                     32.1
                                                                            32.9
                                                                                  33.6
                                                  24.4
                                                         24.0
                                                               23.2
  [40525]
            33.9
                   33.9
                         33.4
                               32.1
                                      30.2
                                            26.5
                                                                     21.7
                                                                            21.1
                                                                                  20.7
##
   [40537]
            20.3
                  19.5
                         19.4
                               19.5
                                      20.8
                                            24.0
                                                  26.4
                                                         28.0
                                                               29.5
                                                                      30.8
                                                                            31.8
  [40549]
            33.0
                  33.3
                         33.0
                               32.0
                                      30.4
                                            27.6
                                                  25.9
                                                         23.5
                                                               21.9
                                                                      21.8
                                                                            20.6
                                                                                  19.8
   [40561]
                               18.9
                                                  26.5
                                                         28.2
                                                               29.3
            19.3
                  18.9
                         18.8
                                      20.6
                                            24.1
                                                                      29.9
                                                                            30.3
                                                                                  30.6
            30.5
                   30.4
                         30.1
                               29.2
                                      27.9
                                            25.5
                                                  24.0
                                                         23.1
                                                               22.4
                                                                     22.0
                                                                            21.6
##
  [40573]
                                                                                  21.1
                                      20.0
                                            22.4
                                                  24.6
                                                         25.9
                                                               26.8
                                                                      27.3
  [40585]
            20.6
                  19.8
                         19.2
                               18.8
                                                                            28.0
                         27.8
                                                  22.7
                                                         22.3
## [40597]
            28.6
                   28.3
                               27.0
                                      25.7
                                            23.6
                                                               21.8
                                                                      21.3
                                                                            20.8
                                                                                  20.4
                                                         25.8
##
   [40609]
            19.8
                  19.0
                         18.3
                               17.8
                                      19.3
                                            22.2
                                                  24.3
                                                               26.6
                                                                      27.3
                                                                            27.9
                                                                                  28.2
  [40621]
                  28.4
                         27.9
                               26.9
                                      25.4
                                            23.1
                                                  22.2
                                                         21.7
                                                               21.1
                                                                      20.6
                                                                            20.1
                                                                                  19.7
            28.3
            19.1
                         18.1
## [40633]
                  18.6
                               17.7
                                      19.0
                                            22.2
                                                  24.5
                                                         26.0
                                                               26.8
                                                                      27.1
                                                                            27.5
                                                                                  28.1
                               27.3
                                      25.9
                                                  22.5
                                                         21.9
                                                                            20.3
## [40645]
            28.7
                   28.6
                         28.2
                                            23.6
                                                               21.3
                                                                      20.8
                                                                                  19.9
## [40657]
            19.5
                   19.0
                         18.6
                               18.2
                                      19.0
                                            22.4
                                                  24.4
                                                         25.6
                                                               26.7
                                                                      27.8
                                                                            28.9
                                                                                  29.8
                                            25.9
                                                         23.6
                                                                            21.9
## [40669]
            30.5
                  30.8
                         30.7
                               30.0
                                      28.6
                                                  24.5
                                                               22.9
                                                                     22.4
                                                                                  21.3
## [40681]
            20.8
                   20.4
                         20.1
                               20.0
                                      21.2
                                            24.6
                                                  27.0
                                                         29.1
                                                               30.5
                                                                     31.9
                                                                            33.1
                                                                                  33.8
                         34.0 33.0 31.3 27.8
## [40693]
            34.3
                  34.5
                                                  26.4 25.6 24.8 23.7 22.7
                                                                                  21.9
```

```
## [40705]
            21.4
                  20.9
                        20.7 20.4
                                    21.7 25.3 27.7
                                                      29.9 31.7 33.1
                                                                        34.2
## [40717]
           35.3
                  35.3
                        34.8
                              33.9
                                    32.4
                                          28.4
                                                26.5
                                                      25.3
                                                            24.4
                                                                   23.4
                                                                         22.3
                                                                               21.8
                                    21.1
                                          24.6
                                                      29.1
## [40729]
           21.3
                  20.9
                        20.6
                              20.1
                                                27.1
                                                             30.7
                                                                   32.2
                                                                        33.4
                                          27.8
                                                26.0
                                                             23.5
                                                                   22.4
## [40741]
           34.7
                  34.6
                        34.0
                              32.9
                                    31.1
                                                      24.7
                                                                         21.6
                                                                               20.9
## [40753]
            20.4
                  19.8
                        19.4
                              19.0
                                    20.1
                                          23.6
                                                25.8
                                                      27.3
                                                             28.7
                                                                   30.1
                                                                         31.6
## [40765]
           33.6
                  33.6
                        33.1
                              32.1
                                    30.3
                                         27.1
                                                25.5
                                                      24.6
                                                             23.5
                                                                   22.3
                                                                         21.3
                                                                               20.7
                  20.0
                        19.8
                              19.4
                                    21.6
                                          23.5
                                                25.1
                                                      26.3
                                                             27.8
                                                                   29.1
                                                                         30.5
## [40777]
           20.2
## [40789]
                  33.4
                        33.3
                              32.4
                                    30.9
                                          27.2
                                                25.3
                                                      23.4
                                                             22.1
                                                                         20.6
           33.0
                                                                   21.1
                                                                               20.1
  [40801]
            19.8
                  19.6
                        20.4
                              19.9
                                    19.9
                                          23.1
                                                26.0
                                                      28.6
                                                             31.5
                                                                   33.3
                                                                         34.5
                                                                               35.4
                                                                         22.8
                  32.5
                              30.6
                                    29.0
                                          26.8
                                                26.3
                                                      26.1
                                                                   23.4
                                                                               22.0
##
  [40813]
            35.6
                        33.4
                                                             24.5
## [40825]
            22.0
                  21.3
                        20.3
                              18.9
                                    18.7
                                          19.9
                                                21.4
                                                      23.0
                                                             24.4
                                                                   25.6
                                                                         26.9
                                                                               26.5
                                          24.8
                                                      22.0
                                                                               18.7
## [40837]
            28.5
                  28.5
                        28.5
                              28.3
                                    27.1
                                                23.1
                                                             20.8
                                                                   19.2
                                                                         18.2
                                                23.5
## [40849]
            18.2
                  17.9
                        17.6
                              16.2
                                    17.2
                                          20.6
                                                      24.9
                                                             25.4
                                                                   25.9
                                                                         26.6
                                                                               27.1
## [40861]
                  27.5
                        27.1
                              26.0
                                    24.5
                                          21.3
                                                19.7
                                                      18.2
                                                             17.1
                                                                   16.4
                                                                         16.0
            27.4
                                                                               15.9
## [40873]
            15.8
                  15.7
                        15.6
                              15.4
                                    16.0
                                          19.7
                                                22.0
                                                      23.1
                                                             24.1
                                                                   25.0
                                                                         25.7
                                                                               26.3
## [40885]
            27.0
                  27.2
                        26.6
                              25.5
                                    24.0
                                          21.7
                                                20.9
                                                      20.5
                                                             19.9
                                                                   19.3
                                                                         18.7
                                                                               18.3
## [40897]
            18.1
                  17.5
                        16.8
                              16.5
                                    17.1
                                          20.0
                                                22.5
                                                      24.0
                                                             24.9
                                                                   25.4
                                                                         26.1
                                                                               26.8
## [40909]
            27.1
                  27.0
                        26.5
                              25.4
                                    23.7
                                          21.5
                                               20.7
                                                      20.1
                                                             19.6
                                                                   19.1
                                                                         18.6
## [40921]
            18.2
                  18.0
                        17.8
                              17.6
                                    17.5
                                          20.2 22.5
                                                      24.0
                                                             25.0
                                                                   25.9
                                                                         26.7
                                                                               27.4
## [40933]
            27.5
                  27.5
                        26.9
                              25.7
                                    23.9
                                          22.0
                                                21.5
                                                      21.0
                                                             20.4
                                                                   20.0 19.7
                                                                               19.2
## [40945]
            18.6
                  18.3
                        18.2
                              18.1
                                    18.3
                                          20.7
                                                22.9
                                                      24.5
                                                             25.3
                                                                   26.4
                                                                         27.0
                                                                               27.4
## [40957]
            27.4
                  27.3
                        26.7
                              25.5
                                    23.8
                                          21.9
                                                21.3
                                                      20.7
                                                             20.0
                                                                   19.5
                                                                        19.0
                                                            23.9
                                                                               26.3
## [40969]
            18.1
                  17.6
                        17.5
                              17.6
                                    16.8
                                          19.2
                                                21.6
                                                      23.2
                                                                   25.0
                                                                         25.8
## [40981]
            26.8
                  26.7
                        26.2
                              25.1
                                    23.3
                                          21.4
                                                20.7
                                                      20.1
                                                             19.5
                                                                   18.9
                                                                         18.4
                                                                               18.0
                                          19.2 21.9
                                                      23.9
                                                             24.9
                                                                   25.7
## [40993]
            17.5
                  17.4
                        17.3
                              17.2
                                    16.8
                                                                         27.1
                                                                               27.4
                                          22.1
## [41005]
            27.7
                  27.9
                        27.3
                              26.2
                                    24.4
                                                21.1
                                                      20.4
                                                             19.8
                                                                   19.0
                                                                         18.4
## [41017]
            17.7
                  17.7
                        17.8
                              17.8
                                    19.4
                                          21.4
                                                23.0
                                                      24.0
                                                             24.0
                                                                   24.7
                                                                         25.8
                                                                               26.7
           27.3
                  27.4
                        27.1
                              26.3
                                    24.8
                                                21.6
                                                      20.9
                                                             20.2
## [41029]
                                          22.5
                                                                   20.7
                                                                         20.4
                                                                               20.1
                 19.6
                              18.9
                                          20.9
                                                             25.3
## [41041]
           19.8
                        19.4
                                    20.1
                                                22.7
                                                      24.1
                                                                   26.2
                                                                         27.1
                                                                               28.4
## [41053]
           29.4
                  30.0
                        30.0
                              29.2
                                    27.3
                                          23.5
                                                22.2
                                                      21.4
                                                             20.2
                                                                   19.6
                                                                         19.3
                                                                               19.0
                                                      24.6
## [41065]
            18.6
                  18.2
                        19.0
                              19.2
                                    17.6
                                          20.3
                                                22.7
                                                             26.4
                                                                   27.9
                                                                         29.0
                                                                               28.3
## [41077]
            28.1
                  27.5
                        26.7
                              24.9
                                    23.1
                                          21.2
                                                20.7
                                                      20.2
                                                             19.8
                                                                   19.3
                                                                         18.7
                                                                               18.3
                                                      23.3
                                                                         25.4
## [41089]
            17.9
                  17.5
                        17.2
                              16.8
                                    16.8
                                          19.3
                                                21.6
                                                             24.3
                                                                   24.9
                                                                               25.7
## [41101]
            26.0
                  25.8
                        25.1
                              24.0
                                    22.3
                                          20.5
                                                19.8
                                                      19.5
                                                            19.0
                                                                   18.6
                                                                         18.2
                                                                              17.8
## [41113]
            17.4
                  17.1
                        16.5
                              15.9
                                    16.3
                                          19.5
                                                21.8
                                                      23.2
                                                             24.3
                                                                   25.3
                                                                         26.2
                                                                               27.2
## [41125]
           28.0
                  28.0
                        27.5
                              26.6
                                    24.8
                                          22.1
                                                20.7
                                                      19.9
                                                             19.4
                                                                  18.9
                                                                         18.6
                                                                               18.2
## [41137]
            17.8
                  17.4
                        16.8
                              16.1
                                    17.2
                                          19.8 22.0
                                                      23.3
                                                            24.0
                                                                   24.5
                                                                         25.2
## [41149]
            25.8
                  25.7
                        25.1
                              23.9
                                    22.2
                                          20.5
                                                20.0
                                                      19.4
                                                            18.7
                                                                   18.2
                                                                        17.7
                                                                               17.1
## [41161]
            16.8
                  16.6
                        16.5
                              16.4
                                    16.6
                                          18.6
                                                20.9
                                                      22.8
                                                             23.5
                                                                   24.2
                                                                         24.7
                                                                               24.7
## [41173]
           24.5
                  24.1
                        23.3
                              21.9
                                    20.1
                                          18.3
                                                17.7 17.4 17.1
                                                                  16.6 16.2
                                                                               15.9
## [41185]
                  14.9
                        14.7
                              14.5
                                    14.4
                                          16.7
                                                19.4
                                                      21.2
                                                             23.1
                                                                   24.2
           15.2
                                                                         25.2
## [41197]
           26.8
                  26.6
                        26.2
                              24.9
                                    23.9
                                          21.3
                                                20.4
                                                      20.1
                                                            19.2
                                                                  18.5
                                                                        17.9
                                                                               17.4
## [41209]
                              16.0
                                    15.5
                                                20.7
                                                      22.8
                                                                         27.6
            17.0
                  16.6
                        16.3
                                          17.4
                                                             24.6
                                                                   26.2
                                                                               28.4
           28.6
                  28.3
                                    25.2
                                          22.7
                                                21.2
                                                      20.1
                                                             19.9
                                                                   19.5
                                                                         19.4
## [41221]
                        27.7
                              26.7
                                                                               19.2
                                          20.4
                                                24.0
                                                      26.5
                                                             28.3
                                                                   29.7
## [41233]
            19.1
                  19.1
                        18.3
                              17.7
                                    18.6
                                                                         30.1
                                                                               29.9
                                    27.1
                                                22.1
                                                      21.5
## [41245]
            30.2
                  30.4
                        30.1
                              28.1
                                          25.0
                                                             21.0
                                                                   21.0
                                                                         20.9
                                                                               21.0
                                                      29.3
## [41257]
            21.0
                  21.2
                        21.1
                              21.0
                                    20.3
                                          22.7
                                                26.4
                                                             30.6
                                                                   31.3
                                                                         31.6
                                                                               31.7
## [41269]
                              25.4
                                    24.1
                                          23.7
                                                23.1
                                                      22.8
                                                             22.3
                                                                   21.8
                                                                         21.3
            32.3
                  30.3
                        27.4
                                                                               21.1
## [41281]
            20.9
                  20.3
                        21.4
                              20.0
                                    18.2
                                          21.2
                                                21.8
                                                      25.3
                                                             27.3
                                                                   28.3
                                                                         29.0 29.6
                              27.8
                                    25.5
                                                      21.7
                                                                         20.4
## [41293]
            29.8
                  29.6
                        29.0
                                          23.7
                                                22.8
                                                             20.5
                                                                   19.9
                                                                               20.2
## [41305]
            19.8
                  19.0
                        18.5
                              19.9
                                    20.6
                                          21.1
                                                21.7
                                                      22.1
                                                             24.5
                                                                   25.8
                                                                         26.3
                                                                               27.1
                                                21.2 20.8 20.6 21.1 21.0 20.9
## [41317]
            27.2
                  27.1
                        26.7
                              25.6
                                    24.0
                                         22.1
## [41329]
                        20.3
            20.7
                  20.5
                              20.2
                                   19.9
                                          20.5
                                                21.4
                                                      21.8 22.0 21.4 22.1 21.9
## [41341]
            21.7 21.8 23.2 22.2 21.3 20.3 19.9 19.7 19.8 19.9 19.8 19.8
```

```
## [41353]
           19.6 19.3 19.1 18.9 18.5 19.7 21.0 21.6 21.9 22.5 24.2 24.7
## [41365]
           25.2
                 25.4
                      25.2
                            24.5
                                  22.9
                                       21.8 21.1 20.5 20.0 19.6 19.0
                                                                          18.6
           18.3
                                  17.5
                                       19.1 21.8 23.7
## [41377]
                 18.0
                      17.8
                            17.5
                                                         25.3
                                                               26.5
                                                                    27.3 27.6
## [41389]
                      26.3
                            25.0
                                  23.3
                                       21.5
                                             20.6
                                                   20.0 19.4
           27.5
                 27.2
                                                               19.0 19.0
                                                                          19.8
## [41401]
           20.2
                 17.1
                      15.6
                            15.2
                                  17.0
                                        17.3
                                             17.1
                                                   17.8
                                                         18.0
                                                               18.7
                                                                     19.6
                                                                          20.8
                                       17.6 16.4 16.1 15.7
## [41413]
           21.2 21.4
                      21.2
                            20.7
                                  18.6
                                                               14.5 13.4 12.6
                      12.7
                            12.3
                                  13.3
                                       14.7
                                             16.9 18.2 19.2
                                                               20.4
                                                                    21.6
## [41425]
           12.1
                 12.3
## [41437]
           22.9
                 23.0
                      22.7
                            21.6
                                  18.8
                                       16.8
                                             16.8 16.7
                                                         16.6
                                                               16.3 15.9
                                                                          15.5
## [41449]
           15.1
                 14.8
                      14.6
                            14.3
                                  14.2
                                       15.8 19.1
                                                   21.5
                                                         23.1
                                                               24.5
                                                                     25.4
                 26.3
                      25.9
                                       20.0
                                             19.6 19.4 18.8
                                                                    17.4
## [41461]
           26.3
                            24.7
                                  21.6
                                                               18.2
                                                                          17.0
## [41473]
           16.6
                 16.3
                      16.1
                            16.0
                                  15.3
                                       17.5
                                             21.0
                                                   23.2
                                                         24.9
                                                               26.5
                                                                     27.5
                            27.7
                                  25.5
                                                   20.9
## [41485]
           28.7
                 28.8
                      28.5
                                        23.3
                                             22.2
                                                         20.0
                                                               19.4
                                                                    19.0
                                                                         18.8
## [41497]
           18.4
                 17.6
                      18.2
                            17.8
                                  18.5
                                        19.7
                                              23.1
                                                   25.8
                                                         28.0
                                                               29.5
                                                                     30.3
                                                                          30.6
## [41509]
           30.4
                 29.7
                       28.6
                            27.3
                                  24.2
                                        22.8
                                             22.0
                                                   21.4
                                                         20.7
                                                               20.1
                                                                     19.8 19.8
## [41521]
           19.9
                 19.9
                      19.8
                            19.6
                                  19.9
                                        21.5
                                             24.5
                                                   27.1
                                                         28.8
                                                               29.9
                                                                     30.7
                                                                          31.2
## [41533]
           31.4
                 31.2
                       30.7
                            29.4
                                  26.4
                                        24.4
                                             23.8
                                                   23.4
                                                         20.9
                                                               19.9
                                                                     20.0
                                                                          19.8
## [41545]
           19.2
                 18.5
                      18.4
                            18.3
                                  18.3
                                       20.3 22.8
                                                   24.5 25.9 27.1
                                                                    28.1
                                                                          29.0
## [41557]
           29.3
                 29.4
                       28.8
                            27.5
                                  24.8 23.1 22.0 21.1
                                                         20.1
                                                               19.2
                                                                    18.4
## [41569]
                17.1
                      16.8
                            16.7
                                  17.4
                                       19.0 21.5
                                                   23.1 24.5
                                                               25.7
                                                                     26.9 28.2
           17.4
## [41581]
           29.1
                 29.5
                       29.0
                            27.7
                                  25.0
                                       23.4 22.3
                                                   21.3
                                                         20.2
                                                               19.2 18.4
                                                                          17.8
## [41593]
           17.3
                 16.9
                      16.6
                            16.4
                                  17.1
                                       18.7
                                             21.4
                                                   23.2 24.6 25.8
                                                                    26.9
                                                                          27.8
## [41605]
           28.3
                 28.3
                       27.7
                            26.3
                                  23.7
                                        22.3 21.2 20.0
                                                         18.8
                                                              17.9
                                                                    17.5
                                                   21.3 22.3
## [41617]
           17.2
                 16.6
                      16.9
                            16.9
                                  18.5
                                       18.8
                                             19.8
                                                               23.5
                                                                    24.9
                                                                          26.5
## [41629]
           27.3
                 27.6
                      27.2
                            25.7
                                  23.1
                                       21.8
                                             20.8
                                                   19.9
                                                         18.9
                                                               18.2 17.6
                                                                          17.2
                16.8
                            16.4
                                             20.7
                                                   22.2 23.6 24.5
                                                                    25.5
                                                                          26.6
## [41641]
           17.1
                      16.6
                                  17.7
                                       18.1
                                       22.0
## [41653]
           27.4
                 27.7
                       27.3
                            26.1
                                  23.4
                                             20.5 19.5
                                                         18.6
                                                              18.1 18.0
## [41665]
           18.2
                 18.0
                      18.0
                            17.9
                                  18.6
                                       19.3
                                             20.9
                                                   22.4
                                                         24.1
                                                               25.5
                                                                    26.5
                                                                          27.5
## [41677]
           28.3
                 28.8
                       28.9
                            28.3
                                  26.1
                                       24.4
                                             23.9
                                                   22.7
                                                               20.2 19.8
                                                         21.1
                                                                          19.5
           19.9
                                  18.4
                                       19.3 22.0
                                                   24.1 26.0
                                                               27.4 27.9
## [41689]
                 19.5
                      18.9
                            18.5
                                                                          27.5
## [41701]
           27.5
                 27.4
                      26.6
                            25.2
                                  22.4
                                        20.8 19.9 19.1
                                                         20.1
                                                               20.4
                                                                    20.4
                                                                          20.1
                      19.0
## [41713]
           19.6
                 19.4
                            18.4
                                  18.2
                                        19.2
                                             21.8
                                                   23.5
                                                         23.6
                                                               24.1
                                                                     24.8
                                                                          25.0
## [41725]
           25.1
                 24.9
                       24.4
                            23.2
                                  20.9
                                        19.8 19.3
                                                   19.6 19.2
                                                               18.8
                                                                    18.6
                                                                          18.3
                                       18.0 20.8
                                                   22.7
                                                         23.9
## [41737]
           17.9
                 17.7
                       17.5
                            17.2
                                  16.5
                                                               24.7
                                                                     25.4
## [41749]
           26.2
                 25.9
                      25.0
                            23.9
                                  21.6
                                       20.5
                                             19.8 19.1 18.4
                                                              17.7
                                                                    17.4 17.1
## [41761]
           16.8
                 16.6
                       16.7
                            17.3
                                  16.5
                                        17.9
                                             20.6
                                                   22.2
                                                         23.2
                                                               24.0
                                                                     24.6
                                                                          24.9
## [41773]
           25.2
                 25.2
                      24.8
                            23.4
                                  21.2
                                       20.2 19.4 18.6 17.9
                                                               17.3 17.1
                                                                          16.9
## [41785]
           16.6
                16.3
                      16.1
                            16.3
                                  15.5
                                       17.3 19.5 21.4 23.0 24.4 25.6 26.5
## [41797]
           27.1
                 27.3
                      27.1
                            26.0
                                  22.9
                                       21.0 20.0 18.8 17.9 17.2 17.0
                                                                          16.6
## [41809]
           16.1
                 16.0
                      16.2
                            16.3
                                  16.6
                                       18.4
                                             21.5
                                                   23.5
                                                         25.0
                                                               24.5
                                                                    23.2
                                                                          21.9
                            22.7
## [41821]
           22.9
                 23.0
                      24.0
                                  20.3
                                       19.3 19.1 18.1 17.0 16.0 15.0
                                                                          14.3
## [41833]
           13.4 12.4
                      11.7
                            11.0
                                  12.6
                                       13.9
                                             15.8 17.3 18.3 19.5
                                                                    20.4 21.0
## [41845]
           21.1
                 20.9
                      20.5
                            19.3
                                  17.0
                                       16.0
                                             15.3 14.6 14.1 13.6 13.1 12.8
## [41857]
                            12.2
                                  12.6
                                       14.0
                                             16.7
                                                   18.7
           12.6
                 12.4
                      12.2
                                                         20.2
                                                               21.4
                                                                    22.1
                                                                          22.3
## [41869]
                      20.5
                            19.7
                                  18.5
                                       18.0 17.6
                                                   17.3 16.9
                                                               16.6 16.1
           22.2
                 21.4
                                                                          16.3
                                             17.7
                                                   19.4
                                                         20.6
## [41881]
           15.9
                 15.4
                      14.2
                            13.8
                                  13.9
                                       14.9
                                                               21.6 22.5
                 23.4
                      22.9
                                       17.3
                                             17.2
                                                   17.2
                                                         17.0
                                                               16.3
## [41893]
           23.5
                            21.6
                                  18.8
                                                                    16.2
                                                                          15.7
                                             17.9
                                                   20.7
## [41905]
           15.4
                 15.2
                      15.1
                            14.9
                                  14.3
                                       14.9
                                                         22.3
                                                               23.5
                                                                     24.5
                                                                          25.2
## [41917]
           25.6
                 25.3
                       24.5
                            22.9
                                  20.1
                                       18.7
                                             18.2 17.6 17.3
                                                               17.2 17.0
                                                                          16.8
## [41929]
           16.7
                 16.6
                      16.5
                            16.6
                                  15.9
                                        16.4 19.8
                                                   22.8 24.5
                                                               24.7
                                                                     22.4 20.1
                            22.5
                                  20.2
                                        19.2 18.9
## [41941]
           22.9
                 24.3
                       23.9
                                                   19.0 18.8
                                                               18.4
                                                                    17.7
                                                                          17.6
## [41953]
           17.4
                 17.2
                      17.0
                            16.6
                                  16.7
                                        17.1
                                             20.6
                                                   23.3 24.9
                                                               25.8
                                                                    24.5
                                                                          24.6
                                  21.6 20.6 19.9 19.4 18.8 18.3 18.0 17.8
## [41965]
           25.9
                 26.0
                      25.2
                            23.9
## [41977]
           17.7
                 17.8
                      17.7
                            17.5
                                  18.5 19.0 22.2 24.3 25.8 26.7 27.3 27.2
           27.0 26.6 25.7 24.2 22.2 21.0 20.2 20.3 20.2 19.9 19.5 19.3
## [41989]
```

```
## [42001]
           19.0 18.7 18.7 18.6 17.7 18.3 21.4 24.3 26.2 27.9 28.9
## [42013]
           29.2 29.3
                      28.9
                           27.4
                                 25.5
                                       24.5 23.3 22.2 21.5 21.0
                                                                   20.1
                                                                        20.3
                            20.0
## [42025]
           20.9
                21.3
                      21.1
                                 17.8
                                      18.1 20.3 24.1 26.1 27.5 28.6
## [42037]
                                 23.4
                                       22.4 21.6
                                                  20.6 19.7
                                                              18.4 17.3
           28.1
                27.6
                      26.9
                            25.3
                                                                         16.5
## [42049]
           15.7
                15.0
                      14.2
                            13.6
                                 13.0
                                       13.3
                                             16.7
                                                  19.9
                                                        22.0 23.3
                                                                   24.2
                                                                         24.7
## [42061]
           25.0
                24.7
                      23.9
                           22.4
                                 20.4 18.9 17.3 16.0 15.2 15.9 16.8 16.8
                      16.3
                           16.5
                                 16.4
                                       16.8 17.5 18.5 19.8 21.0 21.9
## [42073]
           16.5
                16.3
                22.7
                      21.8
                           20.2 17.9
                                       16.2
                                            14.7 13.6 12.8 12.8 13.6 14.0
## [42085]
           23.1
                                       14.0 14.5
## [42097]
           14.0
                14.0
                      14.1
                           14.1
                                 14.0
                                                  15.1 16.6 17.8 18.8
                                 17.4
                                      16.0 15.0 14.2 13.5 13.9 15.1
## [42109]
           21.7
                21.6
                      21.0
                           19.6
                                                                         15.4
## [42121]
           15.1
                15.0
                      15.1
                           15.2
                                 15.4
                                       15.6 16.0 16.5 17.3 17.8
                                                                   18.2
## [42133]
           19.1
                18.8
                      18.5
                            18.1
                                 17.7
                                       17.5
                                            17.4
                                                  17.3 17.1
                                                             16.9
                                                                   16.9
                                                                         16.8
## [42145]
           16.7
                16.7
                      16.6
                           16.6
                                 16.4
                                       16.5
                                            17.3
                                                  17.5
                                                        18.1
                                                             18.5
                                                                   18.9
                                                                        19.3
                                 17.3 17.9 17.9
## [42157]
           20.4
                20.5
                      19.5
                            19.0
                                                                   17.1 17.0
                                                  17.8 17.5 17.3
## [42169]
           16.8
                16.8
                      16.7
                            16.7
                                 16.3
                                       16.3
                                            16.4 17.6 18.0 19.2 19.0
                                                                        19.3
## [42181]
           18.9
                18.7
                      18.4
                            18.1
                                 17.4
                                       16.9
                                             17.0
                                                  15.8
                                                        15.0 14.7
                                                                   14.5
                                                                         14.3
## [42193]
           14.5
                15.3
                      15.5
                           15.3
                                 15.1
                                      14.8 15.9 17.0 18.3 18.9
                                                                   18.9
                                                                         19.0
## [42205]
           20.1
                19.5
                      18.5
                           17.2
                                 16.1
                                       15.7 15.1 14.4 13.7
                                                             13.2 12.8
## [42217]
                      11.1
                           10.9
                                 12.6
                                      12.9 14.5 16.3 17.7
                                                             18.7 19.6 20.1
           12.0
                11.6
## [42229]
           20.1
                20.0
                      19.5
                           17.8
                                 15.7
                                       15.1
                                            14.8
                                                  14.6 14.2
                                                             13.8 13.5
                                                                         13.3
## [42241]
           13.1
                12.7
                      12.6
                           12.5
                                 13.0 12.9 14.8 17.4 19.3 20.8 21.9 22.3
## [42253]
           22.2
                21.7
                      20.6
                           18.7
                                 16.6
                                      16.0 15.8 15.4 14.9 14.5 14.4 14.5
## [42265]
           14.5
                14.3
                      14.3
                           13.8
                                 14.0
                                      13.7
                                             15.8 18.9 20.8 21.7
                                                                   22.8 22.7
## [42277]
           21.6
                21.5
                      20.6
                           20.0
                                 19.2
                                       18.5
                                             18.4
                                                  18.7 18.6
                                                             18.6 18.6
## [42289]
           18.8 18.9
                                      19.5 20.8 22.1 23.2 23.9 24.3
                      18.9
                           18.8
                                 19.5
                                                                         24.9
## [42301]
           24.9
                24.4
                      23.7
                            22.5
                                 21.8
                                       21.5 21.3
                                                  21.1 20.7
                                                              20.5 20.2
## [42313]
           19.7
                19.5
                      19.5
                           19.3
                                 19.5
                                       19.5
                                            20.8
                                                  21.5
                                                        21.8 22.1
                                                                   21.5
                                                                         20.3
                           19.3
                                 19.4
                                       19.2 19.7
                                                  19.5 19.1 18.6 18.4 17.7
## [42325]
           21.9
                20.9
                      20.8
## [42337]
           16.9
                16.7
                      16.4
                           16.4
                                 17.9
                                      18.6 18.8 19.5 19.5 19.8 19.6 19.6
## [42349]
           19.5
                19.0
                      18.2
                           16.8
                                 14.9
                                       14.4
                                            14.5 14.1 13.8 13.4 13.4 13.2
## [42361]
           12.5
                12.3
                      12.1
                            11.7
                                 13.0
                                       12.9
                                             14.6
                                                  16.5
                                                        17.9 18.9
                                                                   19.8
                                                                         20.4
## [42373]
           20.7
                20.2
                      19.0
                           16.7
                                 15.5
                                       14.6 14.1
                                                  13.7
                                                       13.1
                                                             12.7
                                                                   12.5
                                                                         12.7
## [42385]
           12.9
                12.7
                      12.6
                           12.8
                                 12.1
                                       12.5 15.3
                                                  17.3 18.5 19.9
                                                                   21.0
                                                                         22.4
## [42397]
                21.7
                      20.7
                            20.2
                                 19.5
                                       18.8 18.4 18.7 19.1 19.5 19.6 19.1
           21.6
## [42409]
           18.1
                18.0
                      19.1
                            19.0
                                 18.1
                                       18.2
                                            19.7
                                                  21.3
                                                        21.9
                                                             23.6
                                                                   24.6
                                                                         25.0
## [42421]
           24.6
                23.8
                      22.7
                           20.9
                                 19.2
                                      18.5 19.0 17.9 17.1 16.8 17.3 16.9
## [42433]
           17.0
                15.8 15.9
                           16.1
                                 16.0
                                       15.8 17.3 19.9 21.3 22.3 22.8 23.0
## [42445]
           23.0
                22.2
                      21.1
                           19.0
                                 17.4
                                       16.6 15.8 15.3 15.0 14.7 14.4 14.1
## [42457]
           13.7
                13.4
                      13.0
                           12.9
                                 14.3
                                       13.9
                                             15.9
                                                  18.7
                                                        20.8 22.3 23.1
                                                                         22.9
          22.7
## [42469]
                22.0
                      21.2 19.5
                                 18.9
                                       17.8 17.0 16.8 16.3 15.8 15.6
                                                                        15.6
## [42481]
                      15.3
                           14.0
                                 13.9
                                       13.5 15.9 18.9 20.8 21.8
           15.8
                15.5
                                                                   22.5
## [42493]
           22.8
                22.4
                      21.6
                           20.0
                                 19.1 18.4 17.8 17.5 17.3 17.2 17.3 17.3
## [42505]
                           17.5
                                 17.9
                                       17.9
                                            19.4
           17.4
                17.4
                      17.5
                                                  21.1
                                                        22.6
                                                              23.9
                                                                   24.7
                                                                         25.3
           25.4
                           21.6
                                 20.7
                                       20.2 19.5 18.9 19.3 19.2 19.5 19.3
## [42517]
                24.7
                      23.4
                                 17.4 17.3
                                            18.4
                                                  20.5 21.0 18.9 16.6
## [42529]
           19.1
                19.2
                      19.1
                            19.1
## [42541]
           13.8
                13.6
                      13.9
                            13.2
                                 13.1
                                       13.3
                                            13.2
                                                  13.4 13.3 13.6 13.3
                                                                        12.1
## [42553]
           11.1
                10.4
                       9.8
                            8.8
                                 10.3
                                        9.4
                                             9.8
                                                  10.3
                                                        11.6
                                                             13.0 14.2
                                                                        15.1
## [42565]
                15.4
                                 11.9
                                            10.5
                                                   9.9
                                                                    9.1
                                                                          8.9
           15.5
                      14.7
                            12.8
                                       11.1
                                                         9.6
                                                               9.4
## [42577]
            8.6
                 8.3
                       7.8
                            7.6
                                  6.6
                                        6.0
                                             8.7 11.4 13.4 14.8 15.5 16.0
## [42589]
           16.3
                16.1
                      15.7
                            14.2
                                 13.7
                                       13.4
                                            13.0
                                                  12.9
                                                        12.2 12.4
                                                                   11.8
                                                                         10.8
## [42601]
           11.4
                11.8
                      10.8
                           11.0
                                 10.0
                                        9.7
                                             10.9 12.0 12.8 13.7
                                                                   14.6 15.4
## [42613]
           15.6
                15.7
                      15.0
                           13.2
                                 12.5
                                       11.7
                                             11.3 12.4 12.0 10.5
                                                                    9.9
                                                                          9.5
## [42625]
           9.1
                 8.6
                       8.3
                            8.2
                                  7.8
                                        7.4
                                             9.4 11.8 13.8 15.3 16.1 16.5
           16.6 16.1 15.0 13.6 13.1 12.3 11.9 11.2 10.8 10.3
## [42637]
                                                                    9.9
                                                                          9.4
```

```
## [42649]
             9.1
                    8.7
                          8.4
                                8.3
                                       7.9
                                             7.7 10.3 13.1 14.8 15.7 16.4
                                      13.0
## [42661]
            16.5
                   16.1
                         15.3
                               13.7
                                            12.0
                                                  11.6 11.7
                                                               12.1
                                                                      12.6
                                                                            12.7
                                                                                   12.5
                                                   12.7
                                                         14.3
## [42673]
            12.4
                   12.2
                         12.0
                               12.0
                                      10.9
                                            10.8
                                                                15.0
                                                                      15.8
                                                                            15.7
                                                                12.5
## [42685]
            15.7
                   15.5
                         15.3
                               14.3
                                      14.0
                                            13.8
                                                   13.5
                                                         13.2
                                                                      11.7
                                                                            11.4
                                                                                   11.2
## [42697]
            10.8
                   10.4
                         10.0
                               10.1
                                       9.9
                                             9.9
                                                   11.1
                                                         12.2
                                                                12.9
                                                                      14.9
                                                                            15.8
                                                                                   16.1
## [42709]
            15.7
                   15.6
                         15.2
                               14.5
                                      13.8
                                            12.8
                                                   11.6
                                                         10.8
                                                                10.2
                                                                       9.9
                                                                             9.6
                                                                                   10.0
                                 9.1
                                       8.3
                                                                10.4
## [42721]
             9.6
                    9.3
                          9.2
                                             8.1
                                                    8.6
                                                          9.6
                                                                      11.4
                                                                            12.4
## [42733]
                                      12.1
                                            12.2
            13.1
                   13.2
                         12.8
                               12.2
                                                   12.7
                                                         13.3
                                                               13.3
                                                                      13.1
                                                                            13.0
                                                                                   12.9
## [42745]
            12.8
                   12.7
                         12.7
                                12.6
                                      13.1
                                            13.4
                                                  14.0
                                                         14.5
                                                                15.5
                                                                      16.2
                                                                            16.6
                                                                                   17.1
                                                  13.6
## [42757]
            17.2
                   16.7
                         16.0
                               15.0
                                      14.7
                                            13.9
                                                         13.6
                                                                13.3
                                                                      13.5
                                                                            13.5
                                                                                   13.4
## [42769]
            13.1
                   12.9
                         12.6
                               12.5
                                      12.5
                                            12.0
                                                   12.7
                                                         13.7
                                                                14.3
                                                                      14.5
                                                                            15.4
## [42781]
            15.9
                   15.4
                         14.6
                               13.1
                                      12.7
                                            12.3
                                                   12.3
                                                         12.2
                                                                      11.7
                                                                            11.2
                                                                11.7
                                                                                   11.0
## [42793]
            11.0
                   11.0
                         10.9
                               10.8
                                      11.1
                                            11.0
                                                  11.7
                                                         13.0
                                                                14.3
                                                                      15.7
                                                                            16.1
                                                                                   16.5
## [42805]
            16.6
                         15.6
                               13.7
                                      12.9
                                                                11.7
                                                                             12.3
                   16.4
                                            12.4
                                                  12.3
                                                         12.1
                                                                      12.7
                                                                                   12.0
## [42817]
            11.9
                   11.9
                         12.1
                                12.3
                                      12.3
                                            12.2
                                                   12.8
                                                         13.8
                                                                14.9
                                                                      15.9
                                                                            16.8
                                                                                   17.2
   [42829]
            17.1
                   16.8
                         15.9
                                14.5
                                      14.9
                                            13.6
                                                   13.1
                                                         13.7
                                                                13.7
                                                                      13.6
                                                                            13.5
                                                                                   13.3
            13.5
                   13.4
                               13.0
                                      13.0
                                            12.9
                                                   13.9
                                                         14.9
                                                                15.9
                                                                      16.5
                                                                            16.7
##
  [42841]
                         13.2
                                                                                   16.9
## [42853]
            16.5
                   16.2
                         15.9
                                15.2
                                      15.0
                                            14.5
                                                  13.8
                                                         13.6
                                                                13.4
                                                                      13.3
                                                                            13.2
                         13.0
## [42865]
                   13.0
                               12.9
                                      13.5
                                            13.2
                                                  13.7
                                                         14.4
                                                                15.2
                                                                      16.0
            13.1
                                                                            16.4
                                                                                   16.5
## [42877]
            16.4
                   16.0
                         15.2
                                13.7
                                      13.3
                                            13.3
                                                   12.5
                                                         12.1
                                                                11.6
                                                                      11.4
                                                                            11.0
                                                                                   10.7
## [42889]
            10.5
                   10.3
                          9.9
                                 9.5
                                       9.2
                                             8.6
                                                    9.2
                                                         10.5
                                                                11.9
                                                                      13.4 14.7
                                                                                   14.9
## [42901]
            15.5
                   15.1
                         14.8
                                14.1
                                      13.7
                                            12.9
                                                   11.8
                                                         11.3
                                                                10.6
                                                                      10.3
                                                                            10.1
## [42913]
             9.6
                    9.1
                          8.9
                                 8.5
                                       6.6
                                             6.3
                                                    7.5
                                                          9.1
                                                                10.7
                                                                      11.7
                                                                            12.5
                                                                                   12.8
## [42925]
            12.5
                   12.4
                         11.6
                                                                 8.0
                                                                       7.6
                                                                             7.1
                                 9.7
                                       9.0
                                             8.3
                                                    8.0
                                                          8.0
                                                                                    7.0
                                                                            12.6
                                                                                   13.3
## [42937]
             6.7
                    6.9
                          7.2
                                 7.2
                                       8.0
                                             7.9
                                                    8.3
                                                          9.5
                                                                10.8
                                                                      11.8
## [42949]
            13.5
                   13.2
                         12.3
                                10.2
                                       9.5
                                             9.2
                                                    8.8
                                                          8.3
                                                                 8.0
                                                                       7.5
                                                                             6.9
                                                                                    6.3
                                                                                   12.0
## [42961]
             5.8
                    6.0
                          7.2
                                7.1
                                       4.5
                                             4.2
                                                    5.5
                                                          8.1
                                                                 9.7
                                                                      10.7
                                                                            11.5
## [42973]
            12.0
                   11.7
                         10.9
                                 9.2
                                       9.4
                                             9.1
                                                    9.0
                                                          9.0
                                                                 8.1
                                                                       7.8
                                                                             7.6
                                                                                    7.1
## [42985]
             6.7
                    6.6
                          6.6
                                 6.3
                                       5.2
                                              5.1
                                                    6.6
                                                          9.3
                                                                10.9
                                                                      11.8
                                                                            12.5
                                                                                   13.0
## [42997]
            13.0
                   12.5
                         11.5
                                 9.3
                                       8.5
                                             8.1
                                                    7.9
                                                          7.9
                                                                 7.8
                                                                       7.6
                                                                              8.6
                                                                                    9.0
## [43009]
             9.0
                    8.8
                          8.7
                                 8.5
                                       6.3
                                             6.0
                                                    6.4
                                                          9.1
                                                                11.0
                                                                      12.5
                                                                             13.8
                                                                                   14.9
##
   [43021]
            15.2
                   14.6
                         13.4
                                11.1
                                      10.2
                                             9.8
                                                    9.4
                                                          8.8
                                                                 8.7
                                                                       8.4
                                                                             8.0
                                                                                    7.6
  [43033]
             7.3
                    7.2
                          7.4
                                 7.5
                                       8.1
                                             9.2
                                                   11.2
                                                         13.8
                                                                15.5
                                                                      16.7
                                                                            17.2
                                                                                   17.5
                         16.9
                                            15.0
## [43045]
                   17.2
                                                   15.0
                                                         15.1
                                                                14.5
                                                                      14.3
                                                                                   14.3
            17.6
                                15.6
                                      15.3
                                                                            14.3
## [43057]
            14.2
                   14.1
                         13.9
                                13.8
                                      14.3
                                            14.2
                                                   15.0
                                                         16.7
                                                                17.8
                                                                      18.6
                                                                            19.3
                                                                                   19.7
## [43069]
            19.8
                   19.2
                         18.4
                               17.1
                                      16.7
                                            16.6
                                                   17.0
                                                         16.7
                                                                16.5
                                                                      16.6 16.4
                                                                                   16.2
## [43081]
            16.3
                   16.4
                         16.5
                                16.4
                                      16.6
                                            16.8
                                                   16.7
                                                         17.4
                                                                17.7
                                                                      17.5
                                                                            17.1
## [43093]
            16.6
                   16.2
                         16.3
                                16.3
                                      16.2
                                            15.9
                                                   15.6
                                                         15.3
                                                                15.7
                                                                      16.1
                                                                            16.2
                                                                                   16.2
## [43105]
            15.8
                   15.8
                         15.8
                                16.1
                                      16.2
                                            16.1
                                                   16.1
                                                         16.5
                                                                16.6
                                                                      16.8
                                                                            16.7
                                                                                   16.3
## [43117]
            16.0
                   16.5
                         16.3
                               15.9
                                      15.6
                                            15.3
                                                   15.4
                                                         15.3
                                                                15.3
                                                                      15.1
                                                                            15.2
                                                                                   15.1
## [43129]
                         14.9
                                14.6
                                      12.8
                                            13.3
                                                   14.1
                                                         15.4
                                                                17.6
                                                                      18.6
            15.0
                   15.0
                                                                            19.3
## [43141]
            19.8
                   18.3
                         17.4
                               17.2
                                      17.4
                                            16.9
                                                   16.9
                                                         16.6
                                                                16.5
                                                                      16.5
                                                                            16.5
                                                                                   13.6
## [43153]
            13.0
                   13.0
                         12.5
                                12.2
                                      13.7
                                            13.5
                                                   13.9
                                                         15.2
                                                                15.8
                                                                      16.1
                                                                            16.0
                                                                                   15.9
                                                                10.9
## [43165]
            15.8
                   15.5
                         15.0
                                13.7
                                      14.2
                                            14.2
                                                   12.8
                                                         13.3
                                                                      10.2
                                                                            11.8
                                                                                    4.0
## [43177]
             4.6
                    4.2
                          3.7
                                 3.0
                                       3.5
                                             3.4
                                                    3.1
                                                          3.1
                                                                 3.3
                                                                       4.1
                                                                              5.6
                                                                                    6.9
             7.5
                    7.5
                                                                       3.7
## [43189]
                          6.9
                                 4.9
                                       4.8
                                             4.8
                                                    5.0
                                                          4.2
                                                                 3.9
                                                                              3.9
                                                                                    3.1
## [43201]
             3.2
                    3.3
                          3.4
                                 3.6
                                       4.3
                                             3.2
                                                    5.1
                                                          7.7
                                                                10.0
                                                                      11.5
                                                                            12.4
                                                                                   13.0
## [43213]
            13.4
                   13.0
                         12.5
                                12.0
                                      11.7
                                            11.7
                                                   11.8
                                                         11.1
                                                                11.9
                                                                      11.9
                                                                            11.6
                                                                                   10.6
            10.9
## [43225]
                   10.2
                          8.9
                                 6.7
                                       7.5
                                             7.2
                                                    7.2
                                                          7.9
                                                                 9.7
                                                                      11.8
                                                                            12.8
                                                                                   12.9
## [43237]
            11.7
                    9.7
                          9.8
                                 9.6
                                       9.4
                                             9.3
                                                    9.2
                                                          9.1
                                                                 9.1
                                                                       9.0
                                                                             8.7
                                                                                    8.4
## [43249]
             7.7
                    7.5
                          7.4
                                 7.4
                                       7.0
                                             6.9
                                                          5.4
                                                                       5.7
                                                                              5.9
                                                                                    6.3
                                                    6.0
                                                                 5.4
## [43261]
             6.5
                    6.8
                          6.8
                                 6.4
                                       6.3
                                             6.2
                                                    6.3
                                                          6.1
                                                                 5.9
                                                                       5.7
                                                                              5.6
                                                                                    5.4
## [43273]
             5.3
                    5.3
                          5.4
                                 5.8
                                       2.3
                                             2.1
                                                    2.8
                                                          5.0
                                                                 7.1
                                                                       8.9
                                                                            10.2
                                                                                   11.1
## [43285]
            11.5
                   11.3
                         10.4
                                 8.7
                                       7.6
                                             7.0
                                                    6.8
                                                          6.5
                                                                 6.2
                                                                       8.0
                                                                              9.9
                                                                                    9.8
```

```
## [43297]
             10.5
                    10.6 10.6 10.3 11.0
                                              10.8 10.9
                                                            11.6 12.6 12.1
                                                                               11.3
                                                      11.7
   [43309]
             13.9
                    13.9
                           12.1
                                 11.0
                                        11.3
                                               11.6
                                                                   10.8
                                                                          11.0
                                                                                  8.9
                                                                                         4.8
                                                            11.1
   [43321]
              4.5
                     3.6
                            2.5
                                   1.5
                                         5.3
                                                4.8
                                                       4.3
                                                              4.3
                                                                     4.9
                                                                           5.5
                                                                                  5.6
                                                                                         5.2
   [43333]
                                                                                         2.2
              4.8
                     4.8
                            4.9
                                   4.8
                                         4.9
                                                4.9
                                                       3.5
                                                              3.3
                                                                    3.0
                                                                           2.6
                                                                                  2.3
##
##
   [43345]
              2.8
                     3.6
                            3.6
                                   3.7
                                         1.6
                                                1.8
                                                       2.2
                                                              4.7
                                                                    7.6
                                                                           9.6
                                                                                 11.5
                                                                                        12.7
  [43357]
             12.1
                    11.0
                           11.4
                                 10.9
                                        11.9
                                               12.0
                                                      13.4
                                                             12.3
                                                                   10.9
                                                                          11.0
                                                                                 10.5
##
                                                                                         9.7
                                                                           5.6
                                                                                  6.5
   [43369]
              8.1
                     6.8
                            6.3
                                   5.7
                                         6.7
                                                3.8
                                                       3.3
                                                              4.1
                                                                     4.8
                                                                                         7.1
                                                2.3
                                                                    0.2
                                                                          -0.4
                                                                                 -0.6
  [43381]
              7.2
                     6.9
                            6.2
                                   4.1
                                         3.1
                                                       1.6
                                                              1.1
                                                                                        -0.6
                                                                           4.8
##
   [43393]
             -0.8
                    -0.9
                           -1.0
                                 -1.0
                                         0.4
                                                0.0
                                                       0.5
                                                              2.1
                                                                     3.4
                                                                                  5.5
                                                                                         5.9
                                                                                 -0.2
                                                                                        -0.3
##
   [43405]
              5.8
                     5.4
                            4.7
                                   2.7
                                         1.6
                                                0.9
                                                       0.2
                                                              0.1
                                                                    0.0
                                                                          -0.1
   [43417]
             -0.3
                    -0.2
                            0.8
                                   0.1
                                        -0.4
                                               -0.1
                                                       0.8
                                                              3.8
                                                                     5.2
                                                                           5.8
                                                                                  6.2
                                                                                         6.4
                                                                           2.2
   [43429]
                     5.8
                            4.9
                                         2.8
                                                2.3
                                                                     1.8
                                                                                  3.3
                                                                                         2.6
##
              6.3
                                   3.4
                                                       1.9
                                                              1.8
##
   [43441]
              2.5
                     2.8
                            3.4
                                   3.0
                                        -0.1
                                                0.0
                                                       0.6
                                                              3.5
                                                                    5.3
                                                                           6.2
                                                                                  7.0
                                                                                         7.5
## [43453]
              7.5
                                         3.5
                                                                     2.9
                                                                                         3.3
                     7.1
                            6.3
                                   4.1
                                                3.6
                                                       3.8
                                                              3.3
                                                                           2.8
                                                                                  3.3
   [43465]
              3.9
                     4.1
                            4.1
                                   4.4
                                         4.9
                                                4.8
                                                       5.5
                                                              7.5
                                                                    9.3
                                                                          11.2
                                                                                 12.2
                                                                                        13.1
   [43477]
             12.7
                    12.2
                           11.8
                                 10.7
                                        10.2
                                               10.1
                                                      10.0
                                                             10.0
                                                                   10.0
                                                                           9.7
                                                                                  9.8
                                                                                         9.8
   [43489]
                            9.7
                                                8.8
                                                              9.7
                                                                                 11.3
                                                                                        12.5
##
              9.7
                     9.6
                                   9.7
                                         8.9
                                                       9.1
                                                                    9.6
                                                                           9.8
   [43501]
             10.5
                     9.5
                            8.2
                                   7.4
                                         7.3
                                                7.0
                                                       6.9
                                                              6.7
                                                                     6.5
                                                                           5.8
                                                                                  5.8
                                                                                         5.6
   [43513]
                                                       7.4
                                                                    9.4
                                                                           9.7
                                                                                        10.0
##
              6.2
                     6.1
                            6.4
                                   6.6
                                         5.7
                                                6.3
                                                              8.6
                                                                                  9.5
##
   [43525]
             10.0
                     9.6
                            9.3
                                   8.9
                                         8.9
                                                8.6
                                                       8.7
                                                              8.8
                                                                    8.7
                                                                           8.7
                                                                                  8.7
                                                                                         8.6
## [43537]
              8.7
                     8.8
                            8.7
                                   8.6
                                         7.0
                                                6.0
                                                       5.1
                                                              4.6
                                                                    3.3
                                                                           3.0
                                                                                  2.6
                                                                                         2.1
  [43549]
              1.1
                     0.4
                           -0.2
                                 -0.7
                                        -1.1
                                               -1.2
                                                      -1.7
                                                             -1.9
                                                                   -2.1
                                                                          -2.2
                                                                                 -2.4
                                                                                        -2.7
   [43561]
             -2.8
                    -2.8
                           -3.0
                                 -3.5
                                        -4.4
                                               -4.2
                                                      -4.2
                                                            -3.6
                                                                   -2.8
                                                                          -1.9
                                                                                 -0.8
##
                                                                                         0.0
                                 -2.5
   [43573]
                                        -3.0
                                               -3.1
                                                      -3.2
                                                            -3.2
                                                                   -3.0
                                                                          -3.1
                                                                                 -3.3
##
              0.2
                     0.0
                          -1.0
                                                                                        -3.4
                                                                   -0.1
                                                                                  1.5
##
   [43585]
             -3.4
                    -3.6
                           -3.7
                                 -4.0
                                        -2.8
                                               -2.8
                                                     -2.6
                                                            -1.4
                                                                           1.1
                                                                                         1.7
   [43597]
              1.8
                     1.6
                            1.0
                                 -0.6
                                        -0.8
                                               -0.9
                                                      -0.8
                                                             -0.3
                                                                    0.2
                                                                           0.4
                                                                                  0.8
                                                                                         1.1
   [43609]
              0.8
                     0.3
                            0.0
                                 -0.1
                                        -0.5
                                               -0.6
                                                      -0.4
                                                              0.8
                                                                     1.9
                                                                           2.8
                                                                                  3.9
                                                                                         4.5
##
   [43621]
##
              4.5
                     5.0
                            4.6
                                   3.9
                                         3.4
                                                2.9
                                                       1.7
                                                              1.0
                                                                     0.0
                                                                          -0.4
                                                                                 -1.0
                                                                                        -1.2
   [43633]
             -1.2
                    -1.5
                                 -1.3
                                               -1.2
                                                      -0.9
                                                              0.8
                                                                     2.2
                                                                           3.3
                                                                                  3.9
                                                                                         4.6
##
                           -1.1
                                        -1.1
   [43645]
              5.1
                     5.4
                            5.2
                                   4.4
                                         4.0
                                                3.5
                                                       3.2
                                                              2.2
                                                                     1.5
                                                                           1.4
                                                                                  1.3
                                                                                         0.9
##
   [43657]
              0.2
                     0.2
                            0.6
                                   0.4
                                         3.3
                                                3.4
                                                       3.6
                                                              5.1
                                                                     6.1
                                                                           6.8
                                                                                  7.4
                                                                                         7.5
##
   [43669]
              7.5
                     7.2
                            6.5
                                   4.8
                                         4.1
                                                3.7
                                                       3.6
                                                              3.6
                                                                    3.5
                                                                           3.4
                                                                                  3.1
                                                                                         3.1
   [43681]
              3.2
                     3.1
                            3.2
                                   3.3
                                         4.3
                                                4.3
                                                       4.5
                                                              6.0
                                                                     8.5
                                                                          10.4
                                                                                 12.0
                                                                                        13.1
                                 10.6
   [43693]
                    13.7
                           12.6
                                                9.0
                                                                    7.7
                                                                           7.6
                                                                                  7.5
                                                                                         7.2
             13.6
                                         9.6
                                                       8.4
                                                              8.0
   [43705]
              7.2
                     7.1
                            7.2
                                  7.2
                                         7.7
                                                7.4
                                                       7.3
                                                              9.5
                                                                   12.4
                                                                          14.9
                                                                                 16.4
                                                                                        17.0
                                        11.8
  [43717]
             17.1
                    16.9
                           15.7
                                 12.5
                                               10.4
                                                       9.7
                                                              9.6
                                                                    9.3
                                                                           8.9
                                                                                  8.8
                                                                                        8.8
##
  [43729]
              8.8
                     9.4
                            9.8
                                 10.2
                                        10.4
                                               10.1
                                                      10.3
                                                             12.3
                                                                   14.0
                                                                          15.3
                                                                                 16.0
                                                                                        16.1
  [43741]
             16.2
                    16.1
                           15.7
                                 14.3
                                        14.3
                                               14.0
                                                      13.5
                                                            13.3
                                                                   13.2
                                                                          13.3
                                                                                 13.3
                                                                                        13.4
   [43753]
             13.2
                    13.0
                           13.1
                                 13.0
                                         9.9
                                                9.8
                                                      10.3
                                                            12.8
                                                                   14.9
                                                                          16.0
                                                                                 16.7
                                                                                        16.9
##
   [43765]
             16.5
                    15.8
                           15.0
                                 12.8
                                        12.0
                                               11.9
                                                      12.3
                                                            12.1
                                                                   11.6
                                                                          11.4
                                                                                 11.3
                                                                                        11.2
##
                           10.1
                                 10.3
                                                                                  9.3
   [43777]
             10.8
                    10.4
                                         9.7
                                                8.9
                                                       8.5
                                                              8.6
                                                                    8.5
                                                                           9.0
                                                                                         9.6
   [43789]
              9.8
                     9.3
                            8.5
                                   7.3
                                         6.7
                                                6.0
                                                       5.8
                                                              5.7
                                                                    5.5
                                                                           6.0
                                                                                  6.1
                                                                                         6.0
##
   [43801]
##
              6.1
                     6.1
                            6.3
                                   6.4
                                         4.6
                                                4.7
                                                       5.1
                                                              6.0
                                                                    7.0
                                                                           8.1
                                                                                  8.6
                                                                                         8.9
              9.0
## [43813]
                     8.7
                            8.4
                                   7.8
                                         7.4
                                                7.1
                                                       6.6
                                                              6.2
                                                                    5.9
                                                                           5.7
                                                                                  5.6
                                                                                         5.4
## [43825]
              5.1
                     4.8
                            4.4
                                   4.1
                                         4.8
                                                4.4
                                                       4.4
                                                              5.6
                                                                     6.7
                                                                           7.7
                                                                                  8.3
                                                                                         8.7
                                         7.7
                                                7.8
                                                       7.6
                                                              7.0
## [43837]
              9.0
                     9.2
                            8.6
                                   7.7
                                                                     6.4
                                                                           6.2
                                                                                  6.1
                                                                                         6.0
##
   [43849]
              5.9
                     5.8
                            5.8
                                   5.8
                                         6.3
                                                6.1
                                                       6.0
                                                              6.5
                                                                    7.0
                                                                           7.8
                                                                                  7.9
                                                                                         8.0
   [43861]
              8.0
                     7.8
                                                       6.2
                                                              6.2
                                                                                         4.3
##
                            7.4
                                   6.6
                                         6.5
                                                6.3
                                                                     5.4
                                                                           4.9
                                                                                  4.6
                                                5.1
   [43873]
              4.1
                     4.6
                            4.4
                                   4.3
                                         5.3
                                                       5.0
                                                              6.2
                                                                    8.5
                                                                          10.5
                                                                                 11.8
                                                                                        12.4
   [43885]
             12.4
                    12.3
                           11.7
                                   9.8
                                         9.0
                                                8.5
                                                       7.9
                                                              7.4
                                                                    7.0
                                                                           6.6
                                                                                  6.3
                                                                                         6.0
## [43897]
                     6.4
                                                6.8
                                                              7.2
                                                                    9.9
                                                                          11.7
                                                                                 12.4
                                                                                        12.5
              6.3
                            6.3
                                   6.0
                                         6.8
                                                       6.3
## [43909]
             12.7
                    12.7
                           12.2
                                 10.6
                                         9.7
                                                8.7
                                                       8.0
                                                              7.4
                                                                     6.9
                                                                           6.2
                                                                                  5.7
                                                                                         5.2
## [43921]
              5.1
                     5.0
                            4.9
                                   4.7
                                         4.1
                                                4.2
                                                       4.3
                                                              6.1
                                                                    8.7
                                                                          10.2
                                                                                 11.4
                                                                                        12.1
## [43933]
             12.5
                    12.3 11.5
                                   9.4
                                         9.8
                                                8.7
                                                       8.1
                                                              8.2
                                                                     8.3
                                                                           7.1
                                                                                  7.6
                                                                                         7.4
```

```
## [43945]
              6.8
                    6.4
                           6.1
                                  4.7
                                        5.8
                                               5.7
                                                     6.0
                                                            7.5
                                                                   8.2
                                                                         8.9
                                                                                9.7 10.2
                                                            7.4
## [43957]
             10.6
                   10.5
                           9.8
                                                                   7.0
                                                                         7.3
                                                                                6.7
                                                                                       6.3
                                  8.3
                                        8.1
                                               7.0
                                                     7.1
  [43969]
              6.4
                    6.8
                           5.1
                                  4.9
                                        6.1
                                               5.6
                                                     4.5
                                                            4.6
                                                                   4.7
                                                                         4.2
                                                                                3.6
                                                                                       4.5
  [43981]
                                                                                     -0.2
              5.4
                    6.3
                           6.0
                                  4.3
                                               2.7
                                                     2.2
                                                            1.6
                                                                   1.0
                                                                         0.4
                                                                                0.0
                                        3.5
   [43993]
              0.1
                    0.7
                           0.2
                                  0.9
                                       -0.9
                                              -0.9
                                                     0.0
                                                            2.1
                                                                   3.1
                                                                         3.9
                                                                                4.7
                                                                                      5.0
## [44005]
              4.7
                    4.6
                           4.6
                                  3.2
                                        2.6
                                               1.8
                                                     1.2
                                                            1.9
                                                                   0.6
                                                                        -0.8
                                                                               -0.4
                                                                                     -1.0
                   -2.7
                                -3.9
                                       -3.7
                                              -3.7
                                                    -3.4
                                                           -1.9
                                                                  -0.9
                                                                        -0.1
                                                                                0.3
## [44017]
             -1.8
                          -3.5
                                                                                      0.7
                                -1.0
                                                    -2.0
                                                           -2.4
                                                                  -2.5
                                                                        -2.3
                                                                               -2.5
## [44029]
              1.3
                    1.2
                           0.7
                                       -1.7
                                              -1.9
                                                                                     -2.9
                                       -4.7
                                                    -4.2
                                                           -2.0
   Γ440417
             -3.4
                   -3.7
                          -4.0
                                -4.3
                                              -4.9
                                                                  -0.4
                                                                         0.7
                                                                                1.6
                                                                                       2.4
                                       -0.4
              3.0
                           2.4
                                  0.3
                                             -0.6
                                                    -0.6
                                                           -0.6
                                                                 -0.8
                                                                        -0.8
                                                                               -0.5
                                                                                      0.0
   [44053]
                    3.1
                          -0.2
  [44065]
              0.1
                   -0.1
                                  0.0
                                       -1.5
                                              -1.5
                                                    -0.9
                                                            1.6
                                                                   3.8
                                                                         5.1
                                                                                6.1
                                                                                      7.2
                    7.6
                           7.0
  [44077]
              7.8
                                  6.4
                                        5.9
                                               4.5
                                                     4.3
                                                            5.4
                                                                   5.0
                                                                         4.9
                                                                                5.2
                                                                                      6.1
   [44089]
              6.4
                    6.1
                           6.4
                                  6.6
                                        6.6
                                               6.5
                                                     6.8
                                                            7.9
                                                                  9.0
                                                                        10.1
                                                                               10.7
                                                                                     10.8
## [44101]
             11.6
                   12.0
                          11.2
                                       10.4
                                                                        11.5
                                                                               10.8
                                                                                     10.9
                                10.2
                                              10.8
                                                    11.4
                                                           11.5
                                                                  11.5
## [44113]
             11.5
                   11.4
                          11.3
                                11.1
                                        6.6
                                               6.7
                                                     7.3
                                                            9.8
                                                                  12.3
                                                                        13.2
                                                                               13.4
                                                                                     12.7
## [44125]
             12.2
                   11.8
                           9.4
                                 7.0
                                        6.1
                                               5.1
                                                     4.9
                                                            4.7
                                                                   4.5
                                                                         4.3
                                                                                4.1
                                                                                      3.9
  [44137]
              3.6
                    3.4
                                        2.7
                                                            3.3
                                                                   4.7
                                                                         6.0
                                                                                6.9
                                                                                      7.4
##
                           3.1
                                  2.2
                                               1.7
                                                     1.4
## [44149]
              7.5
                    7.4
                           6.8
                                  5.3
                                        3.9
                                               3.4
                                                     3.0
                                                            2.7
                                                                   2.4
                                                                         2.3
                                                                                2.1
                                                                                      2.3
## [44161]
                                        2.2
                                               2.2
                                                     2.7
                                                                   7.5
                                                                               10.5
                                                                                     11.6
              2.1
                    1.8
                           1.7
                                  1.4
                                                            5.1
                                                                         9.2
## [44173]
             12.2
                   12.3
                          11.4
                                  9.0
                                        7.6
                                               7.1
                                                     6.8
                                                            6.5
                                                                   6.3
                                                                         6.3
                                                                                6.2
                                                                                      6.3
## [44185]
              6.9
                    7.1
                           6.9
                                  6.8
                                        6.2
                                               5.9
                                                     5.6
                                                            7.9
                                                                 11.3
                                                                        13.3
                                                                               14.5
                                                                                     15.0
## [44197]
             15.1
                   14.7
                          14.0
                                12.3
                                       11.2
                                              10.6
                                                    10.4
                                                           10.4
                                                                 10.0
                                                                         9.2
                                                                                9.6
## [44209]
              9.9
                    9.9
                          10.0
                                10.0
                                       10.1
                                              10.0
                                                    10.4
                                                           12.0
                                                                 13.4
                                                                        14.4
                                                                              13.5
                                                                                     12.7
   [44221]
             13.3
                   12.5
                          12.0
                                11.8
                                       11.9
                                              12.3
                                                    11.9
                                                           11.1
                                                                 10.9
                                                                        10.9
                                                                               10.7
                                                                                     10.5
                                                    10.5 11.3 12.0
## [44233]
             10.1
                   10.8
                           9.9
                                10.4
                                       11.0
                                             10.7
                                                                        12.9
                                                                              13.4
                                                                                     14.1
  [44245]
             14.7
                   13.3
                          12.5
                                12.3
                                       12.3
                                             11.9
                                                    11.9
                                                           12.1
                                                                 11.9
                                                                        11.7
                                                                               11.9
  [44257]
             12.3
                   11.7
                          11.4
                                10.9
                                       12.2
                                             12.2
                                                    12.2
                                                           12.9
                                                                 12.9
                                                                        12.9
                                                                               12.6
                                                                                     12.8
                                       10.0
                                              10.1
                                                    10.5
                                                           10.2
## [44269]
             13.3
                   12.4
                          11.0
                                10.5
                                                                 10.0
                                                                         9.9
                                                                                9.7
                                                                                      9.7
## [44281]
              9.1
                    8.3
                           8.2
                                  9.5
                                        9.7
                                              10.6
                                                    10.9
                                                           11.2
                                                                 10.9
                                                                        10.2
                                                                               10.3
                                                                                     11.3
  [44293]
             10.6
                   10.6
                          10.8
                                  9.6
                                        8.4
                                               9.0
                                                     9.1
                                                            8.4
                                                                  7.6
                                                                         7.2
                                                                                7.8
                                                                                      7.9
   [44305]
              8.6
                    7.3
                           8.0
                                 7.1
                                        6.6
                                               6.9
                                                     8.0
                                                           10.7
                                                                 13.0
                                                                        14.5
                                                                               15.1
                                                                                     15.7
##
   [44317]
             16.0
                   15.8
                          15.2
                                14.4
                                       14.1
                                             14.2
                                                    14.2
                                                           14.1
                                                                 13.6
                                                                        12.6
                                                                               12.4
                                                                                     12.2
   [44329]
             11.9
                   11.6
                          11.4
                                11.2
                                       11.4
                                              11.4
                                                    11.8
                                                           13.5
                                                                 14.8
                                                                        15.4
                                                                               15.8
                          16.3
                                15.7
## [44341]
                   16.5
                                       15.2
                                              14.6
                                                    14.1
                                                           13.9
                                                                 13.8
                                                                        13.7
                                                                               12.7
                                                                                     12.9
             16.7
   [44353]
             13.1
                   12.5
                          12.0
                                12.4
                                       12.2
                                              12.5
                                                    12.8
                                                           13.8
                                                                 14.8
                                                                        15.5
                                                                               15.8
                                                                                     15.8
                                                                        11.8
## [44365]
             16.1
                   15.8
                          15.0
                                13.6
                                       12.6
                                             12.2 11.8
                                                           11.8
                                                                 11.8
                                                                              11.6
                                                                                     11.4
## [44377]
             11.2
                   11.0
                          10.9
                                11.1
                                       12.4
                                             12.9
                                                    12.0
                                                           13.2
                                                                 13.7
                                                                        14.4
                                                                               14.7
## [44389]
             14.6
                   14.5
                          13.8
                                12.5
                                       11.0
                                              10.7
                                                    10.4
                                                            9.8
                                                                  9.3
                                                                         9.2
                                                                                9.1
                                                                                      8.4
   [44401]
              8.2
                    8.3
                           8.3
                                  8.2
                                        7.8
                                               8.2
                                                     9.3
                                                           12.0
                                                                 12.3
                                                                        11.8
                                                                              11.9
                                                                                     14.3
                                                                 12.2
  [44413]
             14.5
                   15.4
                          15.0
                                14.0
                                       13.3
                                             12.8
                                                    13.0
                                                           12.9
                                                                         9.1
                                                                                9.0
                                                                                     10.0
##
                                                           10.9
  [44425]
                   10.2
                           9.9
                                  9.2
                                                     8.2
                                                                 12.8
                                                                        13.8
                                                                              14.3
             10.6
                                        8.2
                                               7.8
## [44437]
             14.6
                   14.3
                          14.0
                                12.7
                                       11.1
                                              10.7
                                                    10.6
                                                           11.0
                                                                 11.3
                                                                        11.4
                                                                              10.0
                                                                                      9.8
                                        7.7
   [44449]
              9.7
                    9.6
                           9.3
                                  8.8
                                               7.8
                                                     8.8
                                                            8.7
                                                                   9.6
                                                                        10.4
                                                                              10.6
                                                                                    10.9
## [44461]
             10.1
                                                                               -0.1
                    8.0
                           5.6
                                  3.6
                                        2.4
                                               1.4
                                                     0.7
                                                            0.3
                                                                   0.1
                                                                        -0.1
                                                                                    -0.2
                                       -2.3
                                              -3.0
                                                           -3.4
                                                                  -3.2
                                                                        -2.9
                                                                               -2.0 -0.6
## [44473]
             -0.6
                   -0.9
                          -1.2
                                -1.6
                                                    -3.3
                                                            0.5
                                                                         0.5
                                                                                0.5
                                                                                      0.7
## [44485]
              0.1
                    0.5
                           0.4
                                  0.3
                                       -0.1
                                              -0.3
                                                     0.0
                                                                   0.7
## [44497]
              0.9
                    0.8
                           0.8
                                  0.8
                                        1.4
                                               1.6
                                                     2.3
                                                            3.8
                                                                   4.9
                                                                         5.7
                                                                                6.3
                                                                                      7.3
## [44509]
              8.4
                    8.8
                           8.5
                                  7.0
                                                            4.4
                                                                   4.3
                                                                         3.5
                                                                                2.5
                                                                                       2.5
                                        5.0
                                               4.8
                                                     4.6
## [44521]
              2.5
                    3.5
                           3.4
                                  2.9
                                        0.1
                                               0.8
                                                     1.2
                                                            2.6
                                                                   3.5
                                                                         4.4
                                                                                5.3
                                                                                       5.7
## [44533]
              6.0
                    6.0
                           5.4
                                  4.7
                                        3.0
                                               1.9
                                                     1.4
                                                            1.0
                                                                   0.9
                                                                         1.1
                                                                                1.2
                                                                                      0.8
## [44545]
              0.6
                           0.7
                                 0.6
                                       -0.4
                                                                         6.4
                                                                                7.7
                                                                                      8.4
                    0.6
                                               0.1
                                                     1.3
                                                            3.4
                                                                   4.9
## [44557]
              8.7
                    8.5
                           8.3
                                  7.8
                                        5.7
                                               4.9
                                                     4.5
                                                            4.1
                                                                   3.6
                                                                         3.2
                                                                                3.0
                                                                                      3.1
                                               2.0
## [44569]
              3.3
                    3.0
                           2.7
                                  2.7
                                        1.7
                                                     3.0
                                                            5.4
                                                                   7.5
                                                                         9.0
                                                                                9.9
                                                                                     10.0
## [44581]
              9.7
                    8.9
                           8.4
                                  8.4
                                        6.6
                                               6.6
                                                     5.4
                                                            8.2
                                                                   6.6
                                                                         5.4
                                                                                4.6
                                                                                      3.3
```

```
## [44593]
              3.7
                     3.5
                            3.3
                                  2.7
                                         3.8
                                                4.0
                                                       4.9
                                                             7.5
                                                                    9.7 10.9 12.1
                                                                                       12.4
                    11.9
                           11.4
   [44605]
             12.3
                                 10.3
                                               10.1
                                                             8.7
                                                                    7.4
                                                                           6.6
                                                                                  5.5
                                                                                        6.6
                                        10.3
                                                       8.1
   [44617]
              6.8
                     6.5
                            6.1
                                   6.2
                                         4.9
                                                5.7
                                                       7.1
                                                            10.0
                                                                   12.3
                                                                          13.5
                                                                                 14.2
                                                                                       14.6
                                                                   12.6
                                                                          12.8
   [44629]
             14.9
                    15.3
                           15.0
                                 14.0
                                        12.9
                                               12.3
                                                      12.4
                                                            12.2
                                                                                 12.7
                                                                                       12.5
   [44641]
             12.6
                    12.3
                           12.1
                                 12.2
                                        13.3
                                               13.4
                                                      13.7
                                                             14.9
                                                                   16.0
                                                                          16.9
                                                                                 17.4
                                                                                       17.7
   [44653]
             17.5
                    17.0
                           16.3
                                 15.3
                                        14.3
                                               14.1
                                                      13.9
                                                            13.8
                                                                   14.0
                                                                          13.8
                                                                                13.7
##
                                                                                       13.6
                                        12.5
                                               12.3
                                                      12.8
                                                            14.2
                                                                   15.3
   [44665]
             13.7
                    13.7
                           13.8
                                 13.8
                                                                          16.0
                                                                                15.3
                                                            13.7
   [44677]
             15.6
                    15.3
                           15.1
                                 14.7
                                        14.2
                                               14.0
                                                      13.8
                                                                   13.6
                                                                          13.5
                                                                                13.3
                                                                                       13.0
##
   [44689]
             12.2
                    10.5
                           9.8
                                  8.6
                                         9.3
                                                9.0
                                                       8.8
                                                             9.7
                                                                    9.7
                                                                          10.5
                                                                                 10.7
                                                                                       12.4
                                 10.6
                                                8.5
                                                             7.5
                                                                                         5.5
##
   [44701]
             13.0
                    12.6
                           11.9
                                         8.9
                                                       7.9
                                                                    6.8
                                                                           6.2
                                                                                  5.6
   [44713]
              5.8
                     5.8
                            5.9
                                  6.0
                                         5.4
                                                6.0
                                                       6.8
                                                              8.9
                                                                   11.5
                                                                          13.4
                                                                                 14.7
                                                                                       15.5
   [44725]
             15.3
                    14.9
                           14.0
                                 12.4
                                               10.9
                                                      10.0
                                                             9.7
                                                                   10.0
                                                                          10.8
                                                                                       10.7
                                        11.1
                                                                                 11.1
##
   [44737]
             11.2
                    10.8
                           11.0
                                 10.5
                                        11.3
                                               11.3
                                                      12.3
                                                            13.7
                                                                   14.9
                                                                          15.5
                                                                                 15.3
                                                                                       14.9
  [44749]
             15.2
                    15.6
                                 13.9
                                        13.2
                                               12.8
                                                                          11.3
                                                                                 11.2
                           14.7
                                                      12.9
                                                             13.0
                                                                   12.1
                                                                                       11.4
   [44761]
             11.0
                           11.2
                                 10.6
                                        10.8
                                               10.7
                                                      11.1
                                                             11.6
                                                                   12.0
                                                                          12.7
                                                                                 13.8
                                                                                       12.8
                    11.1
   [44773]
             12.5
                    11.7
                           10.9
                                 10.4
                                         9.9
                                                9.7
                                                       9.1
                                                             8.4
                                                                    7.7
                                                                           7.9
                                                                                  7.8
                                                                                        8.2
   [44785]
                     9.0
                            8.8
                                  9.0
                                         7.2
                                                6.8
                                                       7.6
                                                            10.4
                                                                   12.6
                                                                          13.1
                                                                                 12.1
                                                                                       12.2
##
              8.7
   [44797]
             11.7
                    11.5
                           11.1
                                 10.7
                                        10.1
                                               10.1
                                                       9.6
                                                             9.4
                                                                    8.2
                                                                           7.8
                                                                                  7.6
                                                                                        8.0
                                         9.1
                                                9.0
   [44809]
                     7.6
                           8.2
                                                                   11.3
                                                                          11.2
                                                                                 11.2
                                                                                       11.4
              7.8
                                  8.7
                                                      10.4
                                                             11.2
   [44821]
             11.8
                    12.0
                           12.2
                                 11.3
                                         9.7
                                                8.5
                                                       7.3
                                                             6.9
                                                                    6.5
                                                                           6.0
                                                                                  6.2
                                                                                         6.1
## [44833]
              6.3
                     6.7
                            6.4
                                  6.3
                                         7.6
                                                7.3
                                                       7.6
                                                             7.9
                                                                    8.7
                                                                           9.2
                                                                                  9.4
                                                                                         9.7
  [44845]
              9.3
                     9.3
                            9.4
                                  9.3
                                         8.6
                                                7.1
                                                       6.6
                                                              6.2
                                                                    6.0
                                                                           5.6
                                                                                  5.0
                                                                                         4.7
   [44857]
              4.7
                     4.6
                            4.6
                                  4.5
                                         3.7
                                                3.4
                                                       4.6
                                                              7.2
                                                                    9.7
                                                                          10.9
                                                                                 11.7
                                                                                       12.4
##
   [44869]
             12.8
                    12.8
                           12.3
                                 10.9
                                         7.8
                                                7.3
                                                       7.2
                                                              7.2
                                                                    6.8
                                                                           6.3
                                                                                  5.7
                                                                                         5.8
##
                                                                                 12.1
              6.0
                                   6.2
                                                       6.5
                                                                   10.7
                                                                                       12.6
##
   [44881]
                     6.5
                            6.2
                                         4.7
                                                4.7
                                                             8.7
                                                                          11.9
   [44893]
             13.5
                    14.3
                           13.6
                                 12.8
                                        11.9
                                               11.4
                                                      11.4
                                                             11.3
                                                                   11.0
                                                                          10.1
                                                                                 10.0
                                                                                        9.5
   [44905]
              8.8
                     8.8
                           8.9
                                  8.6
                                         7.5
                                                7.2
                                                       7.7
                                                             9.4
                                                                   10.0
                                                                          11.0
                                                                                 11.4
                                                                                       12.1
##
## [44917]
                                                              7.9
             12.2
                    12.2
                           11.3
                                 11.5
                                        10.3
                                                8.9
                                                       8.3
                                                                    7.2
                                                                           6.6
                                                                                  6.8
                                                                                        7.0
## [44929]
              7.1
                     7.0
                            6.9
                                  6.8
                                         6.1
                                                5.7
                                                       5.6
                                                              6.0
                                                                    6.7
                                                                           7.4
                                                                                  8.0
                                                                                         8.9
## [44941]
              9.1
                     9.7
                            9.7
                                  9.1
                                         7.8
                                                6.6
                                                       6.3
                                                              6.1
                                                                    6.0
                                                                           5.7
                                                                                  3.8
                                                                                         3.4
## [44953]
              3.4
                     3.1
                            3.0
                                  2.7
                                         0.0
                                               -0.2
                                                       1.6
                                                              4.3
                                                                    5.5
                                                                           6.4
                                                                                  7.2
                                                                                         7.8
##
   [44965]
              8.1
                     8.1
                            7.6
                                   6.5
                                         4.7
                                                4.2
                                                       3.8
                                                              3.1
                                                                    2.5
                                                                           2.1
                                                                                  1.7
                                                                                         1.4
   [44977]
              1.2
                     1.3
                            1.4
                                   1.0
                                         1.8
                                                2.4
                                                       3.7
                                                              4.8
                                                                    5.6
                                                                           6.2
                                                                                  6.5
                                                                                         6.9
  [44989]
              6.9
                                                              2.6
                                                                    2.2
                                                                           1.7
                                                                                  1.2
                                                                                         0.9
                     6.8
                            6.5
                                   5.6
                                         4.2
                                                3.6
                                                       3.0
   [45001]
              0.4
                     0.1
                            0.1
                                  0.6
                                         0.7
                                                0.1
                                                       2.6
                                                              4.1
                                                                    4.6
                                                                           5.7
                                                                                  6.4
                                                                                         6.9
## [45013]
              7.3
                     7.5
                                  6.2
                                         4.4
                                                3.9
                                                       3.5
                                                              3.3
                                                                    3.2
                                                                                  2.7
                                                                                         2.0
                            7.1
                                                                           3.1
   [45025]
              1.4
                     1.1
                            0.8
                                   0.6
                                         1.7
                                                2.1
                                                       4.1
                                                              5.4
                                                                    6.1
                                                                           6.9
                                                                                  6.8
                                                                                         6.6
   [45037]
              5.9
                     5.4
                            4.9
                                   4.8
                                         4.3
                                                4.3
                                                       4.3
                                                              4.7
                                                                    4.4
                                                                           4.4
                                                                                  4.5
                                                                                         4.0
##
   [45049]
              3.9
                     2.7
                            2.4
                                  2.1
                                         3.4
                                                3.2
                                                       4.1
                                                              5.5
                                                                    6.8
                                                                           7.7
                                                                                  8.8
                                                                                         9.2
             10.1
   [45061]
                    10.2
                           10.0
                                                4.7
                                                       4.0
                                                              4.5
                                                                           3.4
                                                                                  3.6
                                                                                         4.0
##
                                  9.3
                                         6.7
                                                                    4.1
   [45073]
                     4.0
                            3.8
                                                                    8.9
                                                                           9.7
                                                                                 11.2
                                                                                       11.5
              4.1
                                   3.8
                                         2.9
                                                2.5
                                                       5.1
                                                              7.4
   [45085]
             12.3
                    11.8
                           10.4
                                  9.3
                                         8.6
                                                8.5
                                                       7.9
                                                              7.6
                                                                    7.5
                                                                           7.4
                                                                                  7.1
                                                                                        6.3
   [45097]
              5.5
                     5.7
                            5.9
                                  5.9
                                         6.0
                                                6.2
                                                       6.6
                                                              7.8
                                                                    9.9
                                                                          10.8
                                                                                 12.1
                                                                                       11.0
             10.5
                    10.5
                                  9.6
                                                              8.5
##
   [45109]
                           10.0
                                         9.0
                                                8.5
                                                       8.3
                                                                    8.6
                                                                           8.6
                                                                                  8.4
                                                                                         8.3
                                                                   10.0
                                                                          10.9
   [45121]
              8.3
                     8.2
                            8.1
                                  8.0
                                         8.3
                                                8.1
                                                       8.5
                                                              9.3
                                                                                 11.8
                                                                                       13.0
   [45133]
             14.1
                    14.2
                           14.0
                                 13.2
                                        11.4
                                               11.0
                                                      10.5
                                                             10.1
                                                                    9.4
                                                                           9.6
                                                                                  8.7
                                                                                         9.2
##
   [45145]
              8.5
                     7.9
                           7.7
                                   6.9
                                         6.9
                                                7.0
                                                       8.7
                                                             10.8
                                                                   12.3
                                                                          13.5
                                                                                 14.7
                                                                                       15.7
   [45157]
                    16.0
                           15.0
                                                       9.9
                                                             9.5
                                                                    8.6
                                                                           7.9
                                                                                  7.5
                                                                                        7.2
             16.2
                                 13.7
                                        11.1
                                               10.2
   [45169]
              6.7
                     6.5
                            6.6
                                  6.9
                                         7.4
                                                7.7
                                                      10.3
                                                            13.4
                                                                   15.7
                                                                          16.9
                                                                                 18.3
                                                                                       19.1
                                                                                  7.9
  [45181]
             19.5
                    19.3
                           18.0
                                 16.1
                                        13.3
                                               12.2
                                                      11.5
                                                             11.0
                                                                   10.2
                                                                           8.6
                                                                                        7.7
## [45193]
                                  5.5
                                         6.9
                                                6.9
                                                       8.7
                                                             9.5
                                                                   11.3
                                                                          11.2
                                                                                 13.1
                                                                                       15.9
              6.9
                     6.1
                            5.9
## [45205]
             15.3
                    15.0
                           14.8
                                 14.4
                                        12.1
                                                9.6
                                                      10.2
                                                             10.2
                                                                   10.0
                                                                           8.5
                                                                                  7.5
                                                                                        7.0
## [45217]
              6.4
                     6.2
                            5.9
                                   6.2
                                         7.2
                                                6.8
                                                       7.8
                                                             9.0
                                                                    9.3
                                                                          10.5
                                                                                 10.1
                                                                                       10.2
## [45229]
              9.3
                     9.0
                            8.6
                                  8.5
                                         8.2
                                                7.8
                                                       7.2
                                                              6.7
                                                                    6.5
                                                                           5.1
                                                                                  4.0
                                                                                         3.4
```

```
## [45241]
             3.0
                    2.7
                           3.1
                                 2.3
                                        3.3
                                              3.0
                                                     3.7
                                                           5.1
                                                                  5.9
                                                                        5.8
                                                                               6.1
                                                                                     7.1
                                                                        2.6
## [45253]
             7.7
                    8.2
                           8.8
                                 7.9
                                                           3.5
                                                                  3.0
                                                                               2.0
                                                                                     1.4
                                        5.6
                                              4.2
                                                     3.9
## [45265]
             1.3
                    0.9
                           0.6
                                 0.4
                                        0.9
                                              1.0
                                                     3.7
                                                           5.6
                                                                  7.3
                                                                        8.7
                                                                              10.0
                                                                                    10.9
                                                     6.1
                                                                                     3.8
  [45277]
             11.5
                   11.8
                          11.5
                                10.4
                                        8.0
                                              6.9
                                                           5.4
                                                                  4.8
                                                                        4.3
                                                                               4.1
## [45289]
             3.9
                    3.5
                           3.5
                                 3.6
                                        4.3
                                              4.1
                                                     6.4
                                                           9.5
                                                                 11.2
                                                                       12.5
                                                                              12.6
                                                                                    13.1
## [45301]
             13.4
                   12.6
                                11.2
                                      10.5
                                             10.4
                                                    10.2
                                                          10.0
                                                                  9.5
                                                                        8.5
                                                                               6.8
                                                                                     6.6
                         12.1
                                                           7.3
## [45313]
             6.3
                                        5.9
                                                                  8.0
                                                                        8.7
                                                                               9.4
                    5.8
                           5.4
                                 5.3
                                              5.8
                                                     6.0
                                                                                     9.7
                                                                               2.2
## [45325]
             9.7
                    9.7
                           9.2
                                 8.2
                                        6.6
                                              5.6
                                                     4.9
                                                           4.2
                                                                  3.7
                                                                        3.0
                                                                                     1.7
##
   [45337]
             1.2
                    0.9
                           1.0
                                 1.2
                                        1.3
                                              1.5
                                                     4.6
                                                           7.0
                                                                  8.8
                                                                       10.3
                                                                             11.4
                                                                                    12.0
                                                                                     3.2
##
   [45349]
             12.3
                   12.4
                         12.4
                                11.9
                                       10.1
                                              8.5
                                                     6.8
                                                           5.5
                                                                  4.9
                                                                        4.1
                                                                               3.7
  [45361]
             2.8
                    2.3
                           2.1
                                 2.4
                                        2.2
                                              2.6
                                                     5.4
                                                           6.9
                                                                  7.3
                                                                        7.8
                                                                               8.2
                                                                                     8.6
                                                                  2.0
  [45373]
             8.8
                    8.7
                           8.3
                                 7.5
                                        5.8
                                              4.3
                                                     3.3
                                                           2.7
                                                                        1.0
                                                                               0.0
                                                                                     0.0
##
##
  [45385]
            -0.1
                    0.0
                           0.0
                                -0.1
                                       -0.5
                                              0.1
                                                     3.2
                                                           5.3
                                                                  7.0
                                                                        8.4
                                                                               9.3
                                                                                    10.1
## [45397]
             10.7
                                        8.2
                                                                        6.6
                                                                               7.3
                   11.1
                          11.2
                                10.5
                                              6.3
                                                     6.5
                                                           6.4
                                                                  6.8
                                                                                     6.1
  [45409]
             6.2
                    6.6
                          7.0
                                 7.1
                                       7.9
                                              8.7
                                                     9.7
                                                          12.2
                                                                 15.2
                                                                       15.6
                                                                             12.9
                                                                                    10.5
   [45421]
             12.4
                   14.4
                         14.1
                                13.9
                                      12.5
                                             10.8
                                                   10.6
                                                          10.7
                                                                 10.5
                                                                       10.2
                                                                             10.0
                                                                                     9.7
   [45433]
             10.2
                   10.4
                         10.8
                                10.5
                                      10.5
                                             11.0
                                                   12.3
                                                          13.2
                                                                13.7
                                                                             13.1
                                                                                    12.0
##
                                                                       13.1
   [45445]
             12.8
                   14.0
                         15.0
                                14.5
                                      13.2
                                             12.3
                                                   11.7
                                                          11.2
                                                                11.4
                                                                       11.9
                                                                             12.2
                                                                                    12.1
## [45457]
                         12.2
                                12.2
                                      11.1
                                             10.5
                                                   13.7
                                                          14.4
                                                                15.8
                                                                       15.0 15.1
             12.0
                   12.1
                                                                                    15.5
## [45469]
             15.5
                   15.4
                         15.1
                                14.5
                                      13.6
                                             13.5
                                                   13.6
                                                          13.4
                                                                13.3
                                                                       13.3
                                                                             13.1
                                                                                    13.1
                                                          15.6
                                                                       17.0 17.5
## [45481]
             13.0
                   12.9
                         12.7
                                12.4
                                      10.2
                                             11.1
                                                   13.7
                                                                16.5
                                                                                    17.7
## [45493]
             17.4
                   17.0
                         16.7
                                15.9
                                      14.6
                                             13.7
                                                   13.3
                                                          12.9
                                                                12.9
                                                                       12.5
                                                                             12.3
                                                                16.6
  [45505]
             12.3
                   12.5
                         12.3
                                12.4
                                      11.5
                                             12.7
                                                   14.5
                                                          16.0
                                                                       17.1 17.8
                                                                                    18.0
##
   [45517]
             17.7
                   18.3
                         17.7
                                16.3
                                      14.8
                                             13.8
                                                   13.6
                                                          13.4
                                                                13.8
                                                                       14.1
                                                                             13.9
##
                                                                                    13.6
                                                  14.7
                                                          16.2 16.9 17.6 18.1
##
   [45529]
             13.1
                   12.6
                         12.3
                                12.3
                                      13.5
                                             13.6
                                                                                    18.1
   [45541]
             17.7
                   17.3
                         16.7
                                15.7
                                      13.7
                                             12.2
                                                   11.7
                                                          11.4
                                                                11.4
                                                                       11.5
                                                                             12.4
   [45553]
             11.3
                   10.8
                         10.5
                                10.2
                                       9.8
                                             10.2
                                                   13.4
                                                          15.0
                                                                15.9
                                                                       16.8
                                                                             17.3
                                                                                    17.5
   [45565]
             17.6
                   17.4
                                15.7
                                             13.3
                                                   13.0
                                                          12.6
                                                                12.5
##
                         16.6
                                      14.1
                                                                       13.3
                                                                             13.3
                                                                                    13.3
   [45577]
             13.2
                   13.0
                         12.9
                                13.3
                                      12.3
                                             12.8
                                                   14.9
                                                          17.6
                                                                19.1
                                                                       20.5
                                                                             20.8
                                                                                    20.7
##
   [45589]
             21.0
                   20.1
                         19.4
                                18.4
                                      18.3
                                             17.9
                                                   16.8
                                                          15.8
                                                                15.2
                                                                       14.9
                                                                             14.7
                                                                                    14.6
   [45601]
             13.3
                   12.3
                         12.3
                                12.1
                                      13.0
                                             13.1
                                                    14.3
                                                          15.2
                                                                15.8
                                                                       16.3
                                                                             16.8
                                                                                    15.4
##
   [45613]
             16.3
                   14.5
                         15.4
                                14.9
                                      14.2
                                             12.7
                                                   12.3
                                                          12.1
                                                                12.1
                                                                       11.0
                                                                             11.2
                                                                                     6.8
   [45625]
             5.6
                    4.5
                           4.2
                                 3.6
                                        4.9
                                              4.6
                                                     3.5
                                                           2.3
                                                                  2.2
                                                                        3.1
                                                                               3.7
                                                                                     4.4
  [45637]
                           5.8
                                                                  3.8
                                                                               1.4
                                                                                     1.2
##
             5.1
                    5.1
                                 6.1
                                        5.6
                                              5.2
                                                     4.8
                                                           3.9
                                                                        1.9
   [45649]
             0.9
                    1.2
                           0.6
                                 0.6
                                       -0.4
                                              0.9
                                                     3.5
                                                           4.9
                                                                  6.0
                                                                        6.8
                                                                               7.6
                                                                                     8.3
                                                                        1.3
## [45661]
             8.8
                    9.1
                           8.8
                                 7.9
                                        6.0
                                              3.4
                                                     3.6
                                                           2.6
                                                                  1.8
                                                                               1.2
                                                                                     0.8
  [45673]
             0.5
                    0.3
                           0.3
                                 0.0
                                        0.1
                                              1.9
                                                     4.8
                                                           7.0
                                                                  8.7
                                                                       10.0
                                                                              11.2
                                                                                    12.2
   [45685]
             12.4
                   12.2
                         11.3
                                10.0
                                        8.9
                                              8.5
                                                     7.6
                                                           7.5
                                                                  7.3
                                                                        6.4
                                                                               5.9
                                                                                     6.1
   [45697]
             7.5
                    7.8
                           8.2
                                 8.7
                                        9.1
                                              9.9
                                                   11.3
                                                          12.9
                                                                 14.0
                                                                       15.0
                                                                             15.8
                                                                                    16.5
   [45709]
            17.1
                   17.1
                         16.8
                                16.0
                                      15.0
                                             13.4
                                                   12.6
                                                          12.3
                                                                12.1
                                                                       12.7
                                                                             12.9
                                                                                    12.8
##
                                                          15.3
   [45721]
                   13.0
                         13.0
                                12.9
                                      11.2
                                             12.0
                                                   13.9
                                                                16.2
                                                                       17.1
                                                                             17.7
            12.9
   [45733]
            18.9
                   18.8
                         18.4
                                17.7
                                      16.2
                                             14.0
                                                   13.4
                                                          12.8
                                                                11.3
                                                                       10.2
                                                                              9.6
                                                                                    10.2
                                10.6
                                        9.9
                                             11.3
   [45745]
             10.2
                   10.6
                         10.2
                                                   13.3
                                                          19.1
                                                                19.0
                                                                       19.6
                                                                             18.8
                                                                                    17.7
##
   [45757]
             18.6
                   18.7
                         17.7
                                17.3
                                      16.8
                                             16.1
                                                   15.5
                                                          14.9
                                                                13.8
                                                                       13.6
                                                                             13.3
                                                                                    12.4
  [45769]
                                                          10.4
             13.2
                   13.1
                          12.9
                                12.4
                                      11.9
                                             12.6
                                                   10.8
                                                                 10.2
                                                                        9.9
                                                                               8.7
                                                                                     8.7
  [45781]
             7.3
                    7.5
                           7.6
                                 7.4
                                        7.5
                                                     7.2
                                                           7.4
                                                                  7.5
                                                                        7.5
                                                                               7.3
                                              7.1
                                                                                     6.2
##
##
   [45793]
             6.6
                    5.6
                          5.3
                                 5.4
                                        7.8
                                              8.2
                                                     8.4
                                                           8.4
                                                                  8.9
                                                                        9.9
                                                                             10.9
                                                                                    11.6
  [45805]
                   12.3
                                                     7.0
                                                           6.8
                                                                  6.6
                                                                        6.2
                                                                               5.9
                                                                                     5.7
##
             12.1
                         12.0
                                11.3
                                        9.8
                                              7.4
  [45817]
             5.8
                    5.6
                          5.4
                                 5.3
                                        5.8
                                              6.8
                                                     9.7
                                                          12.4
                                                                14.0
                                                                       15.1
                                                                             15.8
                                                                                    16.1
                                                                 7.4
## [45829]
             16.6
                   17.0
                         16.7
                                16.0
                                       14.0
                                             10.9
                                                     9.0
                                                           8.3
                                                                        6.4
                                                                              7.1
                                                                                     7.2
## [45841]
             6.9
                    6.5
                          5.8
                                 4.9
                                       7.2
                                              8.6
                                                     9.9
                                                          10.7
                                                                11.6
                                                                       13.4
                                                                             12.2
                                                                                    11.5
## [45853]
             14.1
                   14.7
                         14.4
                                12.8
                                      11.5
                                              9.6
                                                     9.3
                                                           9.5
                                                                14.9
                                                                       13.7
                                                                             12.5
## [45865]
             12.8
                   12.8
                         12.2
                                13.1
                                      12.6
                                             13.5
                                                   14.7
                                                          16.4
                                                                17.3
                                                                       18.2 18.8
                                                                                   17.1
## [45877]
             14.9
                   14.5 13.6 13.8 14.1
                                            12.6
                                                   12.0 12.2 12.0 13.3 12.8 12.8
```

```
## [45889]
            12.5 12.1 11.9 11.7
                                     9.1
                                           9.6
                                               10.8
                                                      11.2 11.6 12.4 13.2 12.6
## [45901]
            14.2
                 14.9
                        13.8
                             12.2
                                    10.9
                                           9.8
                                                 9.6
                                                       9.6
                                                             9.3
                                                                   9.8
                                                                         9.0
                                                                               8.7
## [45913]
            8.3
                  8.3
                         8.0
                               7.5
                                     7.1
                                           7.4
                                                 7.9
                                                       9.3
                                                            10.2
                                                                  11.1
                                                                        11.7
                                                                              12.3
## [45925]
                                                       7.1
                                                             6.8
                                                                   6.5
                                                                               5.9
            12.6
                 12.6
                        12.4
                              11.6
                                    10.2
                                           8.3
                                                 7.5
                                                                         6.2
                                                                              13.7
## [45937]
            5.5
                  5.2
                         5.0
                              5.0
                                     5.9
                                           7.0
                                                 8.3
                                                      10.0
                                                            11.5
                                                                  12.6
                                                                        13.2
## [45949]
           14.5
                 14.1
                       12.9
                             13.2
                                    12.1
                                         10.8
                                                 9.5
                                                      10.0
                                                            10.5 10.2 10.2 10.4
## [45961]
            9.8
                 10.6
                        10.5
                               9.7
                                    10.3
                                          11.4
                                               13.6
                                                      16.8
                                                            19.5
                                                                  21.1
                                                                        21.7
## [45973]
                 23.0
                        22.8
                             22.0
                                    19.8
                                         16.9
                                                     15.4
                                                            15.1
                                                                  14.8 14.7
           22.6
                                                15.8
                                                                              14.6
                              12.8
                                                      20.5
  [45985]
            14.1
                 13.4
                       12.8
                                    13.1
                                          15.2
                                                17.3
                                                            22.5
                                                                  23.4
                                                                        23.5
  [45997]
            21.5
                 22.1
                        22.0
                              21.1
                                    19.7
                                          17.8 17.1
                                                     16.8 16.3
                                                                  16.1
                                                                        16.0
                                                                              15.8
## [46009]
            14.7
                 14.7
                        14.3
                              13.8
                                    12.5
                                         14.4
                                               17.1
                                                      18.7
                                                            19.7
                                                                  20.2
                                                                        20.6
## [46021]
            20.4
                 20.0
                       19.0
                              17.8
                                    16.0
                                         12.9
                                                11.6
                                                      10.8
                                                            10.0
                                                                   9.5
                                                                         9.3
                                                                               9.1
## [46033]
            9.0
                  8.7
                         9.2
                              10.0
                                     9.1
                                         11.9
                                                15.4
                                                      18.1
                                                            19.6
                                                                  20.6
                                                                        21.4
                                                                              22.0
## [46045]
           22.3
                 22.5
                              20.0
                                    18.3
                                                      14.2
                                                                        14.0
                        22.1
                                          14.7
                                                13.4
                                                            14.7
                                                                  14.7
                                                                             11.7
## [46057]
            12.7
                  12.8
                        13.2
                              13.2
                                    10.9
                                          13.8
                                                17.7
                                                      17.4
                                                            17.5
                                                                  15.9 17.9
                                                                              16.5
  [46069]
            16.0
                  16.4
                        16.1
                              15.9
                                    15.2
                                          13.8
                                                13.1
                                                      12.6
                                                            12.0
                                                                  11.6
                                                                       11.3
                                                                              11.0
  [46081]
                 10.5
                        10.3
                              10.1
                                     9.2
                                         12.2 14.9
                                                      16.4 17.4
                                                                  18.1
                                                                        18.6
                                                                              18.8
##
            10.7
## [46093]
            18.7
                 18.4
                        17.8
                              16.8
                                    15.2
                                         12.6 11.6
                                                     11.0
                                                            10.3
                                                                   9.8
                                                                         9.5
                                                                               9.2
## [46105]
                  9.4
                         9.5
                              9.3
                                    10.1
                                         11.7
                                               14.8 16.8 18.4 19.9
                                                                        20.6 21.4
            9.1
## [46117]
            22.1
                 22.8
                        22.0
                              21.0
                                    19.4
                                          18.1
                                               17.5
                                                      17.4
                                                            17.1
                                                                  16.8
                                                                        16.0
                                                                              15.3
## [46129]
            14.6
                 13.6
                       13.2
                             12.8
                                    12.8
                                          14.6
                                               16.8 18.6
                                                            20.0 20.9
                                                                        21.4
                                                                              21.7
## [46141]
           21.6
                 21.3
                        20.9
                              20.3
                                    18.8
                                          16.4
                                                16.0
                                                     16.3 16.1
                                                                  16.0 14.9
## [46153]
            14.3
                 13.6
                       13.7
                              13.2
                                    14.8
                                          16.0
                                                16.2 18.5 18.4 18.6 19.6
                                                                              18.0
## [46165]
            17.4
                 17.3
                        16.4
                              15.3
                                    14.6
                                          13.0
                                                12.7
                                                      11.9
                                                            11.0 10.0
                                                                         9.5
            9.3
                                                            10.4 10.2 10.1
                                                                               9.9
## [46177]
                  9.4
                         9.3
                               9.2
                                     9.4
                                           9.7
                                                10.1
                                                      10.3
## [46189]
             9.2
                   9.3
                         8.6
                               8.2
                                     7.9
                                           7.2
                                                 7.4
                                                       6.9
                                                             5.4
                                                                   4.8
                                                                         4.9
                                                                               4.2
## [46201]
             3.7
                  3.7
                         3.7
                               3.7
                                     6.2
                                           7.0
                                                 8.1
                                                       9.0
                                                            10.1
                                                                  11.1 11.8
                                                                              12.6
## [46213]
           13.8
                 14.5
                                    13.0
                                                 9.7
                                                                   7.6
                                                                         7.4
                        15.0
                              14.3
                                          10.8
                                                       8.5
                                                             8.0
                                                                               7.2
                                                                             17.6
## [46225]
            7.1
                   6.9
                         6.8
                               6.8
                                     7.2
                                           9.3
                                               11.9
                                                      13.7
                                                            15.5
                                                                  16.9
                                                                       17.5
## [46237]
            17.4
                 16.9
                        16.8
                              16.2
                                    15.0
                                          12.0
                                                11.3
                                                      10.8
                                                            10.4
                                                                  10.3
                                                                        10.1
                                                                              10.0
## [46249]
            10.4
                  11.2
                        11.2
                              11.2
                                     9.7
                                          11.9
                                                15.1
                                                      17.1
                                                            18.3
                                                                  17.2
                                                                        17.0
                                                                              17.3
## [46261]
            19.0
                 18.9
                        18.9
                              18.3
                                    17.5
                                          15.6 14.4
                                                      13.5
                                                            13.0
                                                                  12.5
                                                                        11.8
                                                                              11.3
## [46273]
            10.6
                 10.2
                         9.9
                               9.4
                                     9.0
                                          11.8 15.0
                                                      17.4
                                                            19.0
                                                                  20.2
                                                                        21.1
                                                                              21.7
                       21.4
## [46285]
            22.0
                 21.8
                              20.7
                                    19.3
                                          16.3 14.2 13.5
                                                            13.2
                                                                  13.1 12.9
                                                                             12.8
## [46297]
            12.5
                 12.2
                        12.0
                              11.9
                                    12.1
                                          14.5
                                                17.6
                                                      19.7
                                                            21.4
                                                                  22.4
                                                                        22.4
                                                                              22.6
## [46309]
           22.5
                 22.0
                       21.3
                             20.0
                                    18.3
                                          15.7
                                               14.6 13.8 12.8 12.9 13.3
                                                                             13.6
## [46321]
            13.7
                  13.6
                       13.2
                             12.3
                                    11.5
                                          15.0 15.2 15.3 18.0 17.9 19.0
## [46333]
            16.8
                  14.4
                       12.9
                              12.7
                                    12.9
                                          11.8 11.1
                                                      10.6 10.7
                                                                  10.6
                                                                         9.9
                                                                               9.3
  [46345]
            8.7
                  9.7
                        10.1
                               8.5
                                    10.2
                                          12.0
                                                13.3
                                                      13.9
                                                            15.8
                                                                  14.9
                                                                        15.1
                                                                              15.0
                                         12.0 10.9 10.0
## [46357]
            15.1
                 14.9
                        15.4
                             15.0
                                    13.8
                                                             9.9 10.1 10.3
                                                                              10.0
## [46369]
                  8.9
                         8.6
                               8.6
                                           9.4 10.1
                                                      10.9
                                                            12.0
                                                                  12.7
            9.1
                                     8.5
                                                                        14.3
## [46381]
            13.5
                 13.6
                       13.6
                              13.1
                                    12.0
                                          10.2
                                                 9.7
                                                       8.2
                                                             7.6
                                                                   7.2
                                                                         6.7
                                                                               8.3
## [46393]
                               7.5
                                           8.3
                                                10.6
                                                      12.4
            8.3
                  8.0
                         8.1
                                     6.0
                                                            13.9
                                                                  15.0
                                                                        16.3
                                                                              16.7
## [46405]
            16.1
                 14.9
                              12.9
                                                                         5.0
                        14.1
                                    11.3
                                           9.2
                                                 8.3
                                                       7.6
                                                             6.8
                                                                   5.8
                                                                               4.1
                                                10.0
## [46417]
             3.0
                   2.6
                         2.7
                               2.4
                                     3.6
                                           7.3
                                                      11.7
                                                            13.0
                                                                  14.0
                                                                        14.5
                                                                             14.5
                                                 7.7
## [46429]
            14.4
                 14.2
                        13.6
                              12.6
                                    11.2
                                           8.8
                                                       6.8
                                                             5.8
                                                                   4.8
                                                                         4.1
                                                                               3.6
## [46441]
            3.1
                  3.2
                         3.2
                               3.0
                                     6.6
                                           7.6
                                                 8.8
                                                      10.2
                                                            11.4
                                                                  12.1
                                                                        12.7
                                                                              13.3
## [46453]
                        13.8
                              12.2
                                                       7.9
                                                                               7.4
            13.9
                 14.1
                                    11.7
                                          10.5
                                                 8.6
                                                             8.7
                                                                   8.7
                                                                         8.4
                  6.5
## [46465]
            7.1
                         5.8
                               5.1
                                     8.4
                                           8.9
                                                10.2
                                                     11.5
                                                            13.4
                                                                  15.2 16.0
                                                                             16.7
## [46477]
            17.3
                  17.8
                        18.0
                              17.5
                                    16.5
                                          13.5
                                                11.7
                                                      10.2
                                                             9.5
                                                                   9.5
                                                                        10.3
                                                                               7.4
## [46489]
             6.7
                  7.0
                         7.2
                              7.7
                                     7.1
                                          10.4
                                                13.2
                                                     15.8
                                                           18.0 17.6
                                                                       19.0 19.6
                                         14.9 14.4 13.4 12.5
## [46501]
            18.0
                 17.5
                        18.0
                              18.1
                                    16.9
                                                                 12.8 12.0 10.3
                  7.8
## [46513]
            8.6
                         7.2
                               7.0
                                     8.1
                                         11.3 13.9 15.6 17.0 17.8 18.6
                                                                             19.2
## [46525]
            19.4 19.3 19.0 18.2 16.8 13.5 12.1 11.3 10.7 10.1
                                                                         9.4
                                                                               8.5
```

```
## [46537]
            7.7
                  7.1
                         6.7
                              6.2
                                    7.4
                                          9.8 12.0 13.9 15.4 16.6 17.4
## [46549]
           18.5
                 18.2
                        17.5
                             16.8
                                   15.9
                                         12.7
                                               11.0 10.2 10.0 10.0
                                                                        9.8
                                                                              9.2
                                                                              22.5
## [46561]
            8.5
                  8.4
                         8.8
                               8.5
                                   10.3
                                         13.6
                                               16.3
                                                     18.2
                                                           19.9
                                                                 21.1
                                                                       21.9
                                               16.9
                                                                 14.6
## [46573]
           22.8
                 23.0
                       22.9
                             22.1
                                   20.8
                                         17.9
                                                     16.1
                                                            15.3
                                                                       14.4
                                                                              13.8
## [46585]
           12.7
                 12.4
                       12.5
                              12.5
                                   15.4
                                         17.8
                                               20.8
                                                     22.4
                                                            23.7
                                                                  24.4
                                                                        24.9
                                                                              25.3
## [46597]
           25.5
                 25.5
                       25.3
                             24.6
                                   23.3
                                         20.6
                                               19.5 18.4
                                                           17.6
                                                                 16.9 16.6
                                                                             16.3
                             15.6
                                   16.4
                                         18.7
                                               22.1
                                                     24.1
                                                            25.4
                                                                 26.2
                                                                       26.9
## [46609]
           16.2
                 16.1
                       15.9
           27.2
                 27.0
                       26.4
                                   23.4
                                               17.3
                                                     16.5
                                                            16.0
                                                                 15.1
## [46621]
                              25.3
                                         19.1
                                                                       13.6
                                                                             13.1
                                         17.2
  [46633]
            12.7
                 12.2
                       11.8
                              11.6
                                   14.0
                                                20.2
                                                     22.3
                                                            23.8
                                                                 25.2
                                                                        26.5
                                         19.8
                                               17.8
                                                     16.7
                                                            16.3
                                                                       16.0
##
  [46645]
           27.6
                 27.4
                        26.7
                              25.1
                                   23.1
                                                                 16.2
                                                                              15.7
  [46657]
           15.1
                 14.4
                        14.5
                              14.5
                                   15.0
                                         17.5
                                               20.5
                                                     22.8
                                                            24.8
                                                                  25.9
                                                                        26.3
                                   21.7
## [46669]
           26.1
                 25.6
                        24.6
                              23.4
                                         18.5
                                               17.0
                                                     16.8
                                                            16.4
                                                                 16.0
                                                                       16.0
                                                                              16.1
## [46681]
           16.0
                 15.7
                        15.4
                              15.2
                                   16.6
                                         18.8 22.1
                                                     24.5
                                                            26.4
                                                                 27.8
                                                                        28.8
                                                                              29.4
## [46693]
           29.6
                 29.3
                        28.6
                             27.4
                                   25.4
                                         21.3
                                               19.2
                                                     18.3
                                                            17.8
                                                                 17.2
                                                                       16.6
                                                                              15.9
## [46705]
           15.2
                 14.8
                        14.5
                              14.1
                                   15.3
                                         17.9
                                                19.8
                                                     21.4
                                                            22.9
                                                                  24.1
                                                                        25.3
                                                                              26.2
## [46717]
            26.7
                 26.8
                        26.2
                             25.0
                                   23.2
                                         19.9
                                                17.9
                                                     17.0
                                                            15.9
                                                                 15.1
                                                                        14.3
                                                                              13.5
## [46729]
            13.0
                 12.5
                             11.8
                                   12.9
                                         15.4 17.4
                                                     19.1
                                                            20.9
                                                                 22.4
                                                                       23.9
                                                                              25.0
                       12.1
## [46741]
           25.8
                 25.9
                        25.4
                             24.5
                                   22.8
                                         19.4
                                               17.2
                                                     16.1
                                                            15.2
                                                                 14.5
                                                                       14.0
## [46753]
                 12.1
                       11.9
                             11.6
                                   12.2
                                         14.6
                                               16.5 18.2
                                                           19.7
                                                                 21.0
                                                                       22.5
                                                                              23.6
           12.6
## [46765]
           24.2
                 24.2
                        23.6
                             22.6
                                   21.0
                                         18.6
                                               17.0
                                                     16.0
                                                            15.0
                                                                 14.2 13.5
                                                                              13.0
## [46777]
           12.5
                 11.9
                       11.6
                             11.4
                                   12.8
                                         14.6 16.7
                                                     18.2 19.7
                                                                 21.1
                                                                       22.4
                                                                              23.5
## [46789]
           24.2
                 24.5
                       24.5
                             23.9
                                   22.5
                                         19.4
                                               16.9
                                                     15.6
                                                           14.8
                                                                 14.0
                                                                       13.3
                                                     20.4
## [46801]
           12.3
                 12.1
                       11.8
                             11.5
                                   14.2
                                         16.8
                                               18.9
                                                           21.9
                                                                 22.9
                                                                       22.3
                                                                              25.2
  Γ468137
           26.3
                 26.5
                        26.3
                             25.5
                                   24.1
                                         20.0
                                               17.8
                                                     17.1
                                                           16.5
                                                                 16.1
                                                                       15.6
##
                                                                              15.4
                                         20.1
                                               22.3
                                                     24.1 25.4
                                                                 26.5
                                                                              27.9
## [46825]
           15.1
                 14.7
                       14.2
                             13.8
                                   16.7
                                                                       27.4
                                         21.8
  Γ468371
           28.1
                 28.2
                       27.6
                              26.1
                                   24.5
                                               19.6 18.8
                                                           18.5
                                                                 18.1
                                                                       16.5
## [46849]
           15.2
                 15.1
                       15.0
                             14.6
                                   15.9
                                         17.9
                                               19.4
                                                     20.6
                                                            21.8
                                                                 23.2
                                                                       24.3
                                                                              25.1
## [46861]
           25.4
                              23.6
                                   22.0
                                         19.6
                                               17.9
                                                     16.9
                                                            16.1
                                                                 15.5
                 25.1
                        24.6
                                                                       14.7
                                                                              14.0
           13.5
## [46873]
                 13.3
                       13.8
                             13.6
                                   13.5
                                         15.8 17.5
                                                     18.7
                                                            19.8
                                                                 21.1
                                                                       22.1
                                                                              22.8
## [46885]
           23.1
                 23.0
                        22.8
                              21.9
                                   20.2
                                         18.3
                                               16.6
                                                     15.8
                                                            15.2
                                                                 14.4
                                                                       13.9
                                                                              13.8
## [46897]
            13.8
                 13.7
                        13.5
                              13.5
                                   13.7
                                         14.5
                                                15.5
                                                     16.5
                                                            17.4
                                                                 18.5
                                                                        19.7
                                                                              21.2
##
  [46909]
           23.9
                 24.0
                        23.2
                             22.2
                                   21.0
                                         19.4
                                               18.1
                                                     17.2
                                                            16.4
                                                                 15.9
                                                                        15.5
                                                                              15.1
## [46921]
            15.2
                 15.0
                        14.9
                              14.7
                                   15.0
                                         15.3
                                               15.8
                                                     16.3
                                                            17.1
                                                                 17.6
                                                                       18.2
                                                                              18.6
## [46933]
           22.6
                 22.6
                       22.6
                              22.2
                                   21.3
                                         19.9
                                               18.2 17.3 17.1
                                                                 16.4
                                                                       15.8
                                                                              15.2
## [46945]
            14.6
                 14.1
                       13.7
                              13.5
                                   13.7
                                         14.2
                                               14.9
                                                     15.8
                                                            17.0
                                                                 18.2
                                                                        19.2
                                                                              20.8
## [46957]
           24.3
                 24.6
                       24.4
                             23.8
                                   22.7
                                         20.3
                                               17.7
                                                     16.4
                                                           15.3
                                                                 14.3
                                                                       13.4
                                                                              12.5
## [46969]
           11.7
                 11.5
                       12.0
                             12.1
                                   12.4
                                         13.7
                                               16.3
                                                     19.1
                                                            20.7
                                                                 21.9
                                                                       22.8
                                                                              23.5
## [46981]
           24.6
                 24.8
                       24.7
                              24.1
                                   22.9
                                         19.7
                                               17.2 15.7
                                                           14.9
                                                                 14.6 14.2
                                                                             14.2
## [46993]
            15.0
                 14.9
                       14.6
                             13.9
                                   15.3
                                         18.3
                                               20.4
                                                     22.0
                                                            23.1
                                                                 23.9
                                                                        24.4
                                                                              24.7
                                         19.1 17.1 16.2 15.4
## [47005]
           24.5
                 24.2
                       23.7
                             23.0
                                   21.8
                                                                 14.9 14.4
                                                                              13.8
## [47017]
                 12.8
                       12.8
                             12.6
                                   14.3
                                         17.1
                                               18.6 19.4
                                                           20.1
                                                                 20.5
           13.2
                                                                        21.3
## [47029]
           20.4
                 19.7
                       19.2
                             18.8
                                   18.8
                                         17.3
                                               16.1 15.4
                                                           14.9
                                                                 14.5 14.1
                                                                             13.8
## [47041]
           13.6
                             13.1
                                   14.5
                                         14.4
                                               14.5
                                                     15.2
                 13.4
                       13.2
                                                           16.3
                                                                 17.2 18.2
                                                                              18.7
                                   16.9
                                               15.5
                                                     15.7
                                                                 15.0
                                                                       14.5
## [47053]
           19.4
                 18.8
                       19.2
                             17.8
                                         16.7
                                                            15.5
                                                                              14.1
## [47065]
                                                     21.0
                                                            22.1
           13.8
                 13.5
                       13.4
                              13.2
                                   15.4
                                         18.1
                                                19.8
                                                                  22.9
                                                                       23.8
                 25.1
                                                     17.4
                                                                              15.8
## [47077]
            25.0
                        24.5
                              23.8
                                   22.8
                                         20.7
                                                18.7
                                                            16.6
                                                                 16.3
                                                                       15.9
## [47089]
                                                     23.4
            15.6
                 15.3
                       14.9
                              14.7
                                   16.6
                                         19.6
                                               21.8
                                                            24.8
                                                                 25.9
                                                                        26.2
                                                                              26.4
## [47101]
                 26.0
                        25.5
                              23.4
                                   22.1
                                         20.3 19.3
                                                     19.3
                                                           19.0
                                                                 18.7
                                                                             17.3
           26.5
                                                                        18.0
## [47113]
           17.1
                 17.2
                       17.2
                              17.2
                                   18.3
                                         21.4
                                               22.9
                                                     24.3
                                                           27.2
                                                                 28.0
                                                                       27.4 27.7
                                   25.0
## [47125]
           28.3
                 27.9
                        27.2
                              26.7
                                         22.6
                                               21.3
                                                     20.1
                                                            19.3
                                                                 19.7
                                                                        19.1
                                                                              18.0
## [47137]
            18.0
                 17.2
                       16.5
                              15.7
                                   18.3
                                         21.3
                                               23.5
                                                     24.9
                                                            25.3
                                                                 25.4
                                                                        25.7
                                                                              26.2
## [47149]
           26.6
                 26.8
                       26.6
                             25.6
                                   24.1 20.8 17.2 16.2 16.9
                                                                 16.5 16.1
                                                                              15.7
## [47161]
            15.3
                 16.1
                       16.5
                             16.5
                                   19.1
                                         22.2 24.8
                                                     26.8 28.1
                                                                 29.1 29.7
                                                                              30.3
           30.4 30.3 29.9 29.1 28.0 25.3 22.9 21.8 21.2 20.1 19.1 18.6
## [47173]
```

```
## [47185]
           18.4 18.2 18.1 17.8
                                   20.4 23.2 25.7 27.7 29.0 30.0 30.9
                                                                            20.4
## [47197]
           31.5
                 31.3
                       30.7
                             29.7
                                   28.2
                                        25.9
                                              22.9
                                                    21.3
                                                          20.6
                                                                20.9
                                                                      21.0
           19.6
                                                          29.5
## [47209]
                 19.1
                       18.7
                             18.7
                                   20.9
                                        23.7 26.4
                                                    28.2
                                                                30.5
                                                                     31.2 31.7
                             30.2
                                  28.8
                                              23.2
                                                    22.0
                                                          20.6
## [47221]
           31.9
                 31.7
                       31.3
                                        26.1
                                                                19.9
                                                                      19.9
                                                                            19.2
## [47233]
           18.8
                 18.6
                       19.3
                             19.4
                                   19.5
                                        22.8
                                              25.4
                                                    27.6
                                                          29.1
                                                                29.9
                                                                      30.6
## [47245]
           30.1
                 29.5
                       28.8
                             28.0
                                   26.3
                                        23.9
                                              21.1
                                                    20.3 20.3 20.5
                                                                      20.7
                                                                            20.0
                       19.5
                             19.2
                                   22.5
                                        26.4
                                              27.7
                                                    28.0
                                                          28.6
                                                                29.4 29.6
## [47257]
           19.9
                 19.5
                 26.7
                       25.4
                                   23.6
                                        21.7
                                              20.0 19.2 18.6 18.2 18.0
## [47269]
           28.2
                             24.5
                                                                           18.5
                                              20.8
## [47281]
           18.3
                 17.7
                       17.2
                             16.7
                                   19.1
                                        20.3
                                                    20.8
                                                          22.1
                                                                22.5
                                                                      22.6
                                        20.0
## [47293]
           23.2
                 23.2
                       22.9
                             22.5
                                   21.5
                                              18.7
                                                    18.4 17.8 17.1
                                                                      16.8
                                                                            16.8
## [47305]
           16.6
                 16.5
                       16.5
                             16.3
                                  17.7
                                        20.0
                                              21.5
                                                    22.7
                                                          23.7
                                                                24.4
                                                                      24.7
## [47317]
           24.6
                 24.2
                       23.6
                             22.8
                                   21.7
                                        19.8
                                              17.6
                                                    16.9
                                                          16.6
                                                                16.5
                                                                      16.5
                                                                            16.1
## [47329]
           16.0
                 15.8
                       15.5
                             15.4
                                   18.0
                                        21.1
                                              23.2
                                                    24.6
                                                          25.0
                                                                25.4
                                                                      25.9
                                                                            26.1
## [47341]
                 26.2
                       25.8
                             25.1
                                        21.9
                                              20.2
                                                    20.4
                                                          20.2
                                                                19.7
                                                                      19.2
           26.2
                                   23.9
                                                                            18.2
## [47353]
           15.7
                 15.4
                       14.7
                             14.4
                                   16.3
                                        18.0
                                              19.7
                                                    21.2
                                                          22.6
                                                                23.5
                                                                      24.5
                                                                            24.3
## [47365]
           24.0
                 23.7
                       23.3
                             22.4
                                   21.0
                                        18.8
                                              16.3
                                                    15.6
                                                          15.0
                                                                14.5
                                                                      14.0
                                                                            13.6
           13.4
                 13.2
                       13.6
                             14.0
                                   15.7
                                        18.5
                                              20.8
                                                    22.7
                                                          24.1
                                                                25.3
                                                                      26.4
## [47377]
                                                                            26.9
## [47389]
           27.1
                 27.0
                       26.4
                             25.9
                                   24.9
                                        21.6 18.2 18.0
                                                          16.6
                                                                18.0
                                                                      18.1
## [47401]
                 17.1
                       17.6
                             17.0
                                  19.2 21.7
                                              23.5
                                                    25.3
                                                          27.7
                                                                29.2 30.7
           17.6
                                                                            32.5
## [47413]
           34.0
                 32.1
                       30.6
                             28.9
                                   27.0
                                        24.8
                                              22.7
                                                    21.4
                                                          20.5
                                                                19.8
                                                                     19.1
                                                                            18.4
## [47425]
           18.0
                 18.0
                       17.7
                             18.6
                                   20.2 21.9
                                              23.5
                                                    24.6
                                                          25.4
                                                                26.0
                                                                      26.5
                                                                            26.7
## [47437]
           26.7
                 26.6
                       26.0
                             25.0
                                   23.9
                                        22.4
                                              20.5
                                                    19.4
                                                          18.4
                                                                18.3 18.6
## [47449]
           18.2 17.5
                       17.2
                            16.9
                                  19.9
                                        22.1
                                              23.8
                                                    25.1
                                                          25.8
                                                                26.3
                                                                      26.2
                                                                            25.5
## [47461]
           25.0
                 24.8
                       24.1
                             23.6
                                   22.3
                                        20.8
                                              18.8
                                                    17.7
                                                          16.7
                                                                16.0 15.7
           15.2 14.8 15.5
                                  17.4 20.5 22.5
                                                    23.7
                                                          24.6
                                                                25.1 25.5
                                                                            25.6
## [47473]
                            15.4
## [47485]
           25.4
                 24.9
                       24.3
                             23.1
                                   21.8
                                        20.5 18.8 17.0 15.8
                                                                16.2 16.1
## [47497]
           16.8
                 16.8
                      16.6
                             14.7
                                   17.5
                                        18.1
                                              16.6
                                                    16.1
                                                          18.1
                                                                19.2
                                                                      20.4
                                                                            20.8
## [47509]
                             17.9
                                   17.8
                                        17.3
           20.5
                 19.2
                       18.2
                                              16.9
                                                    15.4
                                                          15.2
                                                                14.3
                                                                      14.0
                                                                            14.0
                                                    22.3
                                                          23.4
## [47521]
           14.2
                 14.8
                       14.3
                             14.3
                                  16.1
                                        19.0 20.9
                                                                24.2 24.8 25.2
## [47533]
           25.4
                 25.2
                       24.8
                             24.1
                                   23.0
                                        21.3
                                              18.8 17.6
                                                          16.8
                                                                16.4
                                                                      16.0
                                                                            15.7
## [47545]
           15.4
                 15.1
                       14.9
                             15.0
                                   17.2
                                        19.9
                                              21.9
                                                    23.5
                                                          24.9
                                                                26.1
                                                                      26.8
                                                                            26.8
## [47557]
           26.7
                 26.2
                       25.6
                             24.8
                                   23.9
                                        22.5
                                              20.6 19.7
                                                          19.3
                                                                18.3
                                                                      17.7
                                                                            17.3
                                                          25.8
## [47569]
           16.9
                 16.6
                       16.4
                             16.3
                                   18.8
                                        21.4
                                              23.2
                                                    24.6
                                                                24.5
                                                                      24.3
                                                                            23.9
## [47581]
           24.0
                 24.4
                       25.2
                             24.6
                                   23.8
                                        22.5
                                              20.7
                                                    19.9
                                                          19.1
                                                                18.3 17.6
                                                                           17.3
## [47593]
           17.2
                 17.2
                       17.0
                             16.8
                                   17.9
                                        19.7
                                              20.8
                                                    23.3
                                                          24.4
                                                                23.2
                                                                      23.5
                                                                            24.8
## [47605]
           25.3
                 25.7
                       25.4
                             24.6
                                   23.2 21.2 18.6
                                                    17.8
                                                          17.7
                                                                17.4 17.0
                                                                           16.8
## [47617]
           16.3
                 15.8
                       15.6
                             16.0
                                  18.3 20.7
                                              22.7
                                                    24.2
                                                          25.5
                                                                26.4 25.2 25.0
## [47629]
           27.1
                 26.1
                       26.8
                             26.0
                                   24.6
                                        22.7
                                              19.6 18.5
                                                          17.7
                                                                17.4 17.1
                                                                            16.9
## [47641]
           16.3
                 15.7
                       15.2
                             15.3
                                   18.8
                                        21.4
                                              23.0
                                                    24.2
                                                          25.2
                                                                26.0
                                                                      25.0
                                                                            24.4
                                   23.4 22.2 20.6 19.7 19.5
## [47653]
           25.6
                 25.6
                       24.4
                             24.5
                                                                16.9 16.4
                                                                            15.8
                       14.0
                             15.3
                                   16.9
                                        18.9
                                              20.5
                                                    21.7
                                                          22.9
                                                                23.9
## [47665]
           15.1
                 14.4
                                                                      24.7
## [47677]
           25.8
                 25.9
                       25.8
                             25.3
                                   24.3 22.5
                                              19.4 18.2 17.7
                                                                17.2 16.4
                                                                           15.9
                             14.9
                                        21.4
                                              23.5
                                                    25.2
## [47689]
           15.5
                 15.1
                       14.8
                                   18.4
                                                          26.5
                                                                27.6
                                                                      28.5
                                                                            29.1
           29.6
                       29.6
                             28.9
                                        25.0
                                              21.5
                                                    20.4
                                                          20.0
                                                                     19.4
## [47701]
                 29.8
                                   27.7
                                                                19.8
                                                                            18.9
                                                    27.0
                                                          28.8
                                                                29.9
## [47713]
           18.5
                 18.3
                       18.2
                             18.0
                                   21.2
                                        24.1
                                              26.0
                                                                      30.7
                                        25.2
                                              22.3
                                                    21.8
## [47725]
           30.6
                 29.6
                       29.3
                             28.4
                                   27.0
                                                          21.8
                                                                21.2
                                                                      20.1
                                                                            18.9
## [47737]
           18.4
                 17.9
                       17.4
                             16.8
                                   19.7
                                        21.3
                                              21.8
                                                    21.1
                                                          23.3
                                                                24.8
                                                                      25.6
                                                                            26.0
## [47749]
           25.9
                 26.0
                       25.3
                             25.7
                                   25.5
                                        23.2 21.3
                                                    20.4
                                                               18.7
                                                                           17.3
                                                          19.2
                                                                      18.0
                 16.6
## [47761]
           17.2
                       16.4
                             16.3
                                   18.0
                                        19.6 19.7
                                                    20.0 20.3
                                                                20.3
                                                                      20.4 20.6
                                   20.3
## [47773]
           20.2
                 20.5
                       19.9
                             20.2
                                        19.6 19.0
                                                    18.6 18.1
                                                                16.7
                                                                      17.5
                                                                            16.1
## [47785]
           15.7
                 15.9
                       15.8
                             15.6
                                   17.5
                                        19.4
                                              21.2
                                                    22.9
                                                          22.2
                                                                23.1
                                                                      22.5
                                                                            22.4
                                   23.0 21.9 20.3 20.3 20.7 19.6 19.3 18.9
## [47797]
           24.8
                 24.8
                       22.8
                             23.0
## [47809]
           17.6 17.3
                      17.3
                            17.4 18.9 21.1 22.9 24.3 25.4 26.4 27.0 26.9
           26.9 27.2 26.9 26.4 25.2 23.3 20.6 20.1 20.1 20.0 19.9 19.7
## [47821]
```

```
## [47833]
            19.3
                  19.0 18.9 18.8
                                    21.1 24.0 25.9
                                                       27.2 28.4 29.2
                                                                         29.8
## [47845]
            30.5
                  30.4
                        30.0
                              28.9
                                    27.2
                                          25.2 22.4
                                                       22.0
                                                             22.2
                                                                   22.4
                                                                         22.4
                                                                                22.1
                                    24.0
                                           26.3
                                                       29.1
## [47857]
            22.1
                  22.1
                        21.6
                              21.3
                                                 27.7
                                                             30.2
                                                                   31.0
                                                                         31.8
                                           27.9
                                                 24.5
                                                             23.2
                                                                    22.5
## [47869]
            32.6
                  32.7
                        31.7
                              30.6
                                    29.7
                                                       24.3
                                                                          22.1
                                                                                22.3
## [47881]
            22.4
                  21.8
                        21.2
                              21.0
                                    22.3
                                           25.0
                                                 26.9
                                                       28.3
                                                             29.2
                                                                    29.8
                                                                          30.1
                                                                                30.5
## [47893]
            30.8
                  30.7
                        30.2
                              29.3
                                    28.0
                                          26.1
                                                 23.7
                                                       22.6
                                                             21.3
                                                                   20.4
                                                                         19.6
                                                                                18.8
                                    20.6
                                           22.9
                                                 24.5
                                                       25.6
                                                             26.4
                                                                    27.3
## [47905]
            18.2
                  18.0
                        17.5
                              17.2
                                                                          28.0
                  28.9
                              27.6
                                           24.3
                                                 22.3
                                                       21.5
                                                             20.9
                                                                    20.3
## [47917]
            28.9
                        28.5
                                    26.2
                                                                         19.9
                                                                                19.5
## [47929]
            19.2
                  18.8
                        18.7
                              18.6
                                    21.0
                                           22.7
                                                 24.0
                                                       25.2
                                                             26.3
                                                                    27.2
                                                                          27.9
                                                                                28.4
                                                 21.5
                                                       20.8
                                                             20.3
## [47941]
            28.6
                  28.4
                        27.7
                              26.6
                                    25.2
                                           23.4
                                                                   19.6
                                                                         18.7
                                                                                17.8
## [47953]
            17.1
                  16.3
                        15.7
                              15.6
                                    18.8
                                           20.7
                                                 22.4
                                                       23.6
                                                             24.4
                                                                    25.3
                                                                          26.0
## [47965]
            26.9
                  27.0
                        26.4
                              25.5
                                    24.0
                                           22.2
                                                 20.5
                                                       19.8
                                                             19.1
                                                                   18.6
                                                                         17.9
                                                                                17.4
## [47977]
            16.9
                  16.4
                        15.9
                              15.6
                                    19.3
                                           21.5
                                                 23.1
                                                       24.5
                                                             25.4
                                                                    26.4
                                                                          27.5
                                                                                28.5
## [47989]
            28.9
                  29.0
                        28.6
                                    26.8
                                           24.9
                                                       20.4
                                                             19.3
                                                                         18.0
                              27.9
                                                 21.9
                                                                    18.6
                                                                                17.2
## [48001]
            16.8
                  16.6
                        16.5
                              16.4
                                    18.8
                                           21.5
                                                 23.5
                                                       25.3
                                                             27.1
                                                                    28.6
                                                                          29.8
                                                                                30.8
  [48013]
            31.4
                  31.8
                        31.7
                              31.1
                                    29.9
                                           27.3
                                                 23.1
                                                       21.4
                                                             20.2
                                                                    19.7
                                                                          19.2
                                                                                18.9
  [48025]
                  18.5
                              18.5
                                    21.3
                                          24.2
                                                 26.6
                                                       28.6
                                                             30.5
                                                                   31.6
                                                                         32.6
##
            18.9
                        18.6
                                                                                33.2
## [48037]
            33.6
                  33.7
                        33.4
                              32.9
                                    31.9
                                           29.4
                                                 25.2
                                                       23.4
                                                             22.8
                                                                   21.8
                                                                         21.1
                                                                                20.6
## [48049]
                  20.8
                        21.0
                              20.8
                                    22.2
                                          25.3
                                                 27.5
                                                       29.3
                                                             30.8
                                                                   32.0
                                                                         32.9
                                                                                33.4
            20.5
## [48061]
            33.6
                  33.5
                        33.3
                              32.5
                                    31.1
                                           28.5
                                                 24.7
                                                       23.2
                                                             22.2
                                                                   21.5
                                                                          20.8
                                                                                19.9
                  19.0
                              19.0
                                    21.3
## [48073]
            19.4
                        19.1
                                           23.1
                                                 24.2
                                                       24.9
                                                             26.5
                                                                   28.0
                                                                          28.9
                                                                                29.6
## [48085]
            29.9
                  30.0
                        29.5
                              28.5
                                    27.2
                                           25.3
                                                 23.1
                                                       22.0
                                                             21.2
                                                                    20.7
                                                                          20.0
                                                             26.5
                                                                                28.5
## [48097]
            18.7
                  17.9
                        17.5
                              17.4
                                    20.0
                                           21.8
                                                 23.6
                                                       25.1
                                                                   27.2
                                                                         27.8
  [48109]
            29.0
                  29.2
                        29.0
                              28.4
                                    27.5
                                           25.9
                                                 23.1
                                                       21.6
                                                             20.6
                                                                   19.7
                                                                          19.8
##
                                          20.3
                                                21.2
                                                       22.5
                                                             23.5
                                                                   25.0
                                                                                29.0
## [48121]
            19.0
                  18.5
                        18.1
                              17.8
                                    19.4
                                                                         27.1
                                                 22.4
## [48133]
            29.6
                  29.8
                        29.8
                              27.7
                                    25.9
                                           24.6
                                                       21.7
                                                             21.7
                                                                    21.7
                                                                          21.4
                                                                                21.3
## [48145]
            20.8
                  20.6
                        20.3
                              18.9
                                    21.4
                                           23.5
                                                 25.4
                                                       27.0
                                                             28.4
                                                                    29.5
                                                                         30.1
                                                                                30.4
                                           27.2
                                                 23.9
                                                       22.1
## [48157]
            30.5
                  30.2
                        29.8
                              29.3
                                    28.5
                                                             21.8
                                                                    21.4
                                                                          21.0
                                                                                21.4
                                                       25.5
## [48169]
            20.9
                  21.6
                        21.9
                              20.9
                                    20.2
                                          21.5
                                                 23.8
                                                             26.7
                                                                    26.5
                                                                          26.6
                                                                                26.6
## [48181]
            27.3
                  26.2
                        26.0
                              25.4
                                    24.7
                                           23.7
                                                 20.8
                                                       20.2
                                                             19.4
                                                                   18.7
                                                                          18.0
                                                                                17.6
## [48193]
            17.3
                  16.9
                        15.3
                              15.6
                                    18.7
                                           21.3
                                                 23.5
                                                       24.6
                                                             25.2
                                                                    26.0
                                                                          26.8
                                                                                26.9
##
  [48205]
            27.2
                  27.4
                        27.1
                              25.5
                                    24.4
                                           24.0
                                                 22.7
                                                       22.2
                                                             22.2
                                                                    21.3
                                                                          21.0
                                                                                20.3
                                                       25.1
                                                             25.9
## [48217]
            19.5
                  18.7
                        18.2
                              18.0
                                    19.7
                                           22.5
                                                 23.9
                                                                    26.7
                                                                          27.5
                                                                                28.1
                                                 21.5
## [48229]
            28.5
                  28.9
                        28.8
                              27.9
                                    26.8
                                           25.1
                                                       19.8
                                                             19.2
                                                                   18.8
                                                                         17.9
                                                                                17.3
## [48241]
            16.8
                  16.6
                        16.4
                              16.4
                                    18.8
                                           21.7
                                                 23.5
                                                       24.7
                                                             25.6
                                                                    26.5
                                                                          27.2
                                                                                28.0
## [48253]
            28.4
                  28.6
                        28.3
                              27.4
                                    26.5
                                           24.9
                                                 21.3
                                                       19.9
                                                             18.9
                                                                   18.1 17.8
                                                                                17.5
## [48265]
            17.5
                  17.1
                        16.7
                              16.5
                                    19.5
                                          22.4
                                                24.0
                                                       25.4
                                                             26.5
                                                                   27.6
                                                                         28.2
## [48277]
            29.1
                  29.0
                        28.5
                              27.8
                                    26.9
                                           25.6
                                                 22.7
                                                       21.5
                                                             20.4
                                                                   19.6
                                                                         18.9
                                                                                18.3
  [48289]
            17.8
                  17.5
                        17.2
                              17.3
                                    20.1
                                           22.0
                                                 23.4
                                                       24.8
                                                             24.8
                                                                   26.5
                                                                          25.7
                                                                                27.8
## [48301]
            26.6
                  28.3
                        28.2
                              27.7
                                    26.8
                                          25.3
                                                22.5
                                                       21.5
                                                             21.2
                                                                   20.6
                                                                         19.8
                                                                                19.2
                        17.9
                              17.7
                                    19.3
                                           21.3
                                                 23.9
                                                       26.2
                                                             28.1
                                                                    29.5
                                                                          29.6
  [48313]
            18.7
                  18.2
                                                                         21.8
## [48325]
            30.2
                  30.2
                        29.9
                              29.3
                                    28.2
                                          26.5
                                                 24.9
                                                       24.5
                                                             23.5
                                                                   22.6
                                                                                21.2
                  20.4
                                    21.3
                                                 25.1
                                                       27.5
## [48337]
            20.7
                        19.9
                              19.6
                                           23.1
                                                             29.2
                                                                    28.0
                                                                          30.4
                                                                                30.6
            30.8
                  30.5
                              29.0
                                                       23.8
                                                             23.2
                                                                          21.5
## [48349]
                        29.9
                                    27.9
                                           26.3
                                                 24.3
                                                                   22.2
                                                                                20.8
                                    20.7
                                                 25.0
                                                       27.1
                                                             28.8
                                                                    30.4
## [48361]
            20.1
                  19.4
                        18.8
                              18.5
                                           22.7
                                                                          30.9
                                                                                31.4
                                           27.1
                                                       23.6
## [48373]
            31.8
                  31.7
                        31.2
                              30.4
                                    29.0
                                                 24.6
                                                             23.2
                                                                    22.4
                                                                          21.3
                                                                                20.3
                                                       27.5
##
  [48385]
            19.7
                  19.2
                        18.9
                              18.8
                                    21.2
                                           23.4
                                                 25.4
                                                             29.5
                                                                    29.9
                                                                          30.8
                                                                                31.6
## [48397]
                                           27.0
                                                 24.8
                                                       24.0
                                                             23.1
                                                                   22.2
                                                                         21.5
                                                                                20.9
            32.1
                  31.9
                        31.5
                              30.6
                                    29.2
## [48409]
            20.3
                  19.9
                        19.6
                              19.3
                                    20.9
                                           22.8
                                                 24.7
                                                       26.7
                                                             28.6
                                                                   29.9
                                                                          30.4
                                                                                31.1
                                    27.6
                                                       22.5
                                                                          20.3
## [48421]
            31.5
                  31.4
                        30.8
                              29.2
                                           25.8
                                                 23.4
                                                             22.0
                                                                   21.2
                                                                                19.7
## [48433]
            18.8
                        17.8
                              17.8
                                    20.6
                                           23.0
                                                 24.9
                                                       26.6
                                                             27.8
                                                                   28.8
                                                                          29.7
                  18.1
                                                                                30.3
## [48445]
            30.6
                  30.6
                        30.3
                              29.5
                                    28.3
                                          26.6
                                                24.1
                                                       22.7
                                                             21.6
                                                                  20.9
                                                                         20.2
                                                                                19.5
                                                             27.5
## [48457]
            18.7
                  18.1
                        17.8
                              17.6
                                    20.7
                                           23.2 25.0
                                                       26.4
                                                                   28.5
                                                                         29.8
                                                                                30.8
                                   29.5 27.8 24.1 22.8 22.0 21.1 20.4
## [48469]
            31.2 31.2 31.0 30.5
                                                                               19.8
```

```
## [48481]
            19.5
                  18.9 18.6
                              18.5
                                     21.5 24.1
                                                 25.9
                                                        27.8 29.4 30.6 31.6
## [48493]
            32.8
                  33.0
                        32.2
                               29.6
                                     28.2
                                           26.9
                                                  24.6
                                                        23.7
                                                              22.1
                                                                     21.5
                                                                           20.7
                                                                                 19.8
                                     20.8
## [48505]
            19.5
                  19.2
                         18.6
                               18.0
                                           23.4
                                                  25.2
                                                        26.9
                                                              28.5
                                                                     30.0
                                                                           31.1
                                           25.8
                                                  23.7
                                                        22.0
                                                              21.3
                                                                     20.8
  [48517]
            32.2
                  32.4
                         32.3
                               31.2
                                     27.7
                                                                           20.2
   [48529]
            18.7
                  18.3
                         17.9
                               17.4
                                     20.7
                                           23.3
                                                  25.1
                                                        27.0
                                                              28.3
                                                                     28.9
                                                                           29.2
                                                                                 29.5
## [48541]
            29.5
                  29.5
                        29.1
                               28.3
                                     27.0
                                           25.3
                                                  23.2
                                                        22.1
                                                              21.0
                                                                     20.1
                                                                           19.3
                                                                                 18.6
                                     20.2
                                           22.7
                                                  24.5
                                                        26.1
                                                              27.6
                                                                     28.5
                                                                           28.9
  [48553]
            17.8
                  17.4
                        17.1
                               16.9
                  28.8
                        28.2
                                           24.6
                                                  22.7
                                                        21.9
                                                              21.2
                                                                     20.6
  [48565]
            28.8
                               27.4
                                     26.3
                                                                           20.0
                                                                                 19.4
                                                        24.7
##
   [48577]
            18.8
                  18.1
                         17.6
                               17.4
                                     18.8
                                           20.7
                                                  22.9
                                                              26.1
                                                                     27.4
                                                                           25.8
                                                                                 28.0
                                     25.2
                                                              20.7
##
   [48589]
            28.2
                  27.9
                         27.1
                               26.3
                                           23.5
                                                  21.7
                                                        21.1
                                                                     20.0
                                                                           19.1
                                                                                 18.4
  [48601]
            17.9
                  17.7
                         17.4
                               16.9
                                     19.5
                                           21.7
                                                  24.0
                                                        25.7
                                                              27.2
                                                                     28.4
                                                                           28.9
                  27.9
                         27.4
                                                        20.6
  [48613]
                               26.4
                                     25.2
                                           23.5
                                                  21.5
                                                              19.8
                                                                     19.2
                                                                           18.5
                                                                                 17.7
##
            28.1
##
  [48625]
            17.0
                  16.5
                         16.3
                               16.4
                                     19.0
                                           21.4
                                                  23.6
                                                        25.0
                                                              25.9
                                                                     26.6
                                                                           27.5
                                                                                 28.1
            28.4
                  28.5
                                                        21.4
                                                              20.2
                                                                     19.4
                                                                           18.6
##
  [48637]
                         28.1
                               27.5
                                     26.4
                                           24.7
                                                  22.6
                                                                                 17.9
  [48649]
            17.4
                  17.2
                         17.1
                               16.9
                                     19.8
                                           22.2
                                                  24.2
                                                        25.6
                                                              26.7
                                                                     27.7
                                                                           28.7
                                                                                 29.5
   [48661]
            30.1
                  30.2
                         29.9
                               29.3
                                     28.3
                                           26.4
                                                  23.3
                                                        21.6
                                                              20.2
                                                                     19.2
                                                                           18.9
                                                                                 18.6
            18.4
                  18.1
                        17.8
                               17.6
                                     20.3
                                           23.7
                                                  25.7
                                                        27.1
                                                              28.2
                                                                     29.0
                                                                           30.1
##
   [48673]
                                                                                 30.9
  [48685]
            31.2
                  30.8
                         29.9
                               28.8
                                     27.0
                                           24.7
                                                  22.6
                                                        21.8
                                                              21.2
                                                                     20.6
                                                                           20.2
## [48697]
            19.3
                  18.7
                         18.1
                               17.4
                                     19.9
                                           21.9
                                                  23.7
                                                        24.4
                                                              25.0
                                                                     25.7
                                                                           26.5
                                                                                 27.2
## [48709]
            27.6
                  27.6
                         27.2
                               26.4
                                     25.2
                                           23.5
                                                  21.5
                                                        20.6
                                                              19.8
                                                                     19.1
                                                                           18.4
                                                                                 17.4
                        15.8
                                                                     27.5
## [48721]
            16.6
                  16.3
                               15.6
                                     18.5
                                           21.6
                                                  23.8
                                                        25.4
                                                              26.7
                                                                           28.2
                                                                                 28.7
## [48733]
            29.1
                  29.2
                         28.9
                               28.3
                                     27.2
                                           25.4
                                                  22.0
                                                        20.4
                                                              19.5
                                                                     18.9
                                                                           18.7
            18.1
  [48745]
                  18.0
                        17.8
                               17.9
                                     20.3
                                           23.7
                                                  26.5
                                                        28.5
                                                              30.1
                                                                           31.9
##
                                                                     31.1
                                                                                 32.7
   [48757]
            33.1
                  33.1
                         33.2
                               32.5
                                     30.9
                                           28.0
                                                  24.7
                                                        24.7
                                                              22.9
                                                                     21.9
##
                                                                           21.4
                                                                                 20.7
                                           25.0
                                                  27.7
                                                        29.8
                                                              31.6
                                                                     32.8
##
  [48769]
            19.5
                  19.0
                        18.8
                               18.5
                                     21.4
                                                                           33.5
                                                                                 34.1
                                                  25.2
  [48781]
            34.6
                  34.7
                         34.4
                               33.5
                                     31.2
                                           28.2
                                                        24.5
                                                              24.1
                                                                     23.6
                                                                           22.4
  [48793]
            22.2
                  22.0
                         21.5
                               21.4
                                     23.1
                                           26.4
                                                  28.3
                                                        29.9
                                                              31.2
                                                                     32.3
                                                                           33.1
                                                                                 33.8
##
  [48805]
                                     31.7
                                            28.7
                                                  24.8
                                                        23.4
                                                              22.5
                                                                           21.2
##
            34.0
                  34.0
                         33.6
                               32.9
                                                                     21.9
                                                                                 20.3
                                                        28.0
                                                              29.2
                                                                           31.0
## [48817]
            19.4
                  18.9
                        18.5
                               18.3
                                     20.9
                                           24.0
                                                  26.3
                                                                     30.1
                                                                                 31.7
  [48829]
            32.0
                  31.8
                         31.1
                               30.4
                                     29.4
                                           27.5
                                                  24.2
                                                        22.8
                                                              21.7
                                                                     20.8
                                                                           20.1
                                                                                 19.5
  [48841]
            18.9
                  18.5
                         18.4
                               17.9
                                     20.2
                                           23.5
                                                  25.6
                                                        27.1
                                                              28.2
                                                                     29.3
                                                                           30.2
                                                                                 30.8
##
   [48853]
            31.3
                  31.4
                         31.0
                               30.3
                                     28.9
                                           26.9
                                                  23.8
                                                        22.6
                                                              21.6
                                                                     20.9
                                                                           20.2
                                                                                 19.3
                                                  25.5
                                                        27.0
  [48865]
            18.5
                  18.3
                         18.1
                               18.1
                                     20.2
                                           23.4
                                                              28.2
                                                                     29.6
                                                                           31.0
                                                                                 32.0
## [48877]
            32.5
                  32.7
                         32.6
                               31.9
                                     30.8
                                           28.5
                                                  24.5
                                                        23.2
                                                              22.4
                                                                     21.8
                                                                           21.3
                                                                                 21.1
## [48889]
            20.7
                  20.4
                         20.1
                               19.8
                                     23.5
                                           26.7
                                                  29.5
                                                        31.6
                                                              33.1
                                                                     34.2
                                                                           34.9
                                                                                 35.4
                                                                                 23.1
## [48901]
            35.6
                  35.5
                         35.2
                               34.6
                                     33.6
                                           30.9
                                                  26.8
                                                        25.6
                                                              24.9
                                                                     24.5
                                                                           23.9
## [48913]
            22.5
                  22.0
                         21.8
                               21.4
                                     23.7
                                           26.2
                                                 27.9
                                                        29.3
                                                              30.4
                                                                     31.4
                                                                           32.0
                                                                                 30.8
## [48925]
            32.5
                  32.9
                        31.9
                               30.9
                                     29.7
                                           28.1
                                                  26.2
                                                        25.3
                                                              24.4
                                                                     23.5
                                                                           22.8
                                                                                 22.2
   [48937]
            21.5
                  20.8
                         20.3
                               21.1
                                     21.7
                                           23.7
                                                  25.5
                                                        27.2
                                                              28.7
                                                                     29.7
                                                                           30.8
                                                                                 31.5
            31.7
                               28.4
                                                  23.8
                                                        22.3
  [48949]
                  31.5
                        29.4
                                     27.5
                                           25.9
                                                              21.1
                                                                     20.7
                                                                           20.7
                                                                                 20.2
##
  [48961]
                  18.9
                         18.6
                               18.2
                                     21.0
                                           24.0
                                                  26.2
                                                        27.9
                                                              28.6
                                                                     28.6
                                                                           29.2
            19.3
  [48973]
            30.2
                  30.0
                        29.5
                               28.8
                                     27.6
                                           25.6
                                                  23.8
                                                        22.9
                                                              22.2
                                                                     21.4
                                                                           20.9
                                                                                 20.2
                               18.8
                                     20.7
                                                  25.6
                                                        27.1
                                                              28.4
## [48985]
            19.6
                  19.4
                        19.2
                                           23.7
                                                                     29.5
                                                                           30.5
                                                                                 31.1
## [48997]
            31.6
                               30.6
                                                        23.5
                                                              22.5
                                                                           21.0
                  31.7
                         31.3
                                     29.4
                                           27.3
                                                  24.9
                                                                     21.7
                                                                                 20.4
                                           25.0
                                                  27.6
                                                        29.6
                                                                     32.0
## [49009]
            19.8
                  19.5
                         19.5
                               19.5
                                     21.6
                                                              31.0
                                                                           33.0
                                                  23.9
                                                        23.0
                                                              22.1
## [49021]
            33.9
                  33.9
                         32.7
                               31.1
                                     28.9
                                           25.9
                                                                     21.2
                                                                           20.5
                                                                                 20.0
##
   [49033]
            19.4
                  18.6
                         18.0
                               17.8
                                     19.8
                                           22.2
                                                  24.1
                                                        25.4
                                                              26.0
                                                                     26.9
                                                                           27.6
                                                                                 28.3
## [49045]
                  28.5
                         28.0
                                     25.8
                                           24.0
                                                  22.6
                                                        22.2
                                                              21.7
                                                                           20.4
                                                                                 19.9
            28.6
                               27.2
                                                                     21.0
                  18.9
## [49057]
            19.5
                         18.2
                               18.0
                                     20.1
                                           22.7
                                                  25.1
                                                        26.7
                                                              27.7
                                                                     28.5
                                                                           29.2
                                                                                 29.7
                                     27.2
                                                        22.9
                                                              22.3
                                                                           20.9
## [49069]
            29.8
                  29.6
                         29.1
                               28.4
                                           25.1
                                                  23.6
                                                                     21.6
                                                                                 20.3
## [49081]
            19.7
                        18.3
                               18.1
                                     20.3
                                           23.1
                                                  25.3
                                                        26.6
                                                              27.5
                                                                     28.1
                                                                           28.9
                  19.1
                                                                                 29.4
## [49093]
            29.8
                  29.6
                        29.1
                               28.2
                                     26.8
                                           24.6
                                                 23.1
                                                        22.6
                                                              22.3
                                                                     21.9
                                                                           21.1
                                                                                 20.3
## [49105]
            19.6
                  19.3
                        19.1
                               18.9
                                     20.1
                                           23.3
                                                  25.3
                                                        26.6
                                                              27.5
                                                                     28.6 29.5
                                                                                 30.3
## [49117]
            30.8
                  30.8 30.3 29.3 27.9
                                           25.6
                                                 24.0 23.2 22.5 22.0 21.4 20.8
```

```
## [49129]
            20.1 19.5 19.0 18.7
                                    21.0 23.6 25.5
                                                       27.0 27.8 28.8
                                                                         29.8
## [49141]
            30.4
                  30.1
                        29.6
                              28.7
                                    27.3
                                          25.2 23.6
                                                       23.0
                                                             22.5
                                                                   21.8
                                                                         21.2
                                                                               20.7
                                    20.9
## [49153]
            19.9
                  19.3
                        19.0
                              18.8
                                          23.1
                                                25.1
                                                       26.4
                                                             27.4
                                                                   28.7
                                                                         29.7
                        29.1
                                          24.4
                                                 23.1
                                                       22.6
                                                             21.9
## [49165]
            30.2
                  29.9
                              27.8
                                    26.3
                                                                   21.2
                                                                         20.4
                                                                               20.0
## [49177]
            19.7
                  19.4
                        19.1
                              18.9
                                    21.1
                                          22.9
                                                 25.1
                                                       26.9
                                                             28.4
                                                                   29.0
                                                                         30.3
                                                                                30.5
## [49189]
            30.6
                  30.2
                        29.5
                              28.6
                                    27.3
                                          25.1
                                                23.3
                                                       22.4
                                                             21.2
                                                                   19.8 19.2
                                                                               18.6
                                    19.6
                                          23.0
                                                 25.5
                                                       27.8
                                                             29.6
                                                                   30.9
## [49201]
            18.2
                  18.1
                        17.7
                              17.3
                                                                         31.2
                                          27.3
                                                24.7
                                                       23.2
                                                             22.3
## [49213]
            31.5
                  31.6
                        31.3
                              30.7
                                    29.5
                                                                   21.6
                                                                         20.9
                                                                               20.3
                                                 26.3
                                                       27.9
## [49225]
            19.7
                  19.4
                        19.0
                              18.5
                                    20.6
                                          24.2
                                                             29.1
                                                                   30.1
                                                                         31.4
                                                                               32.0
                                                 24.5
                                                       23.4
                                                             22.4
                                                                         20.9
## [49237]
            32.2
                  32.1
                        31.5
                              30.6
                                    29.3
                                          26.7
                                                                   21.5
                                                                               20.4
                                                       27.3
## [49249]
            19.9
                  19.4
                        18.9
                              18.9
                                    20.4
                                          23.6
                                                 26.0
                                                             28.7
                                                                   30.0
                                                                         31.1
                                                                               31.9
## [49261]
            32.2
                  32.0
                        31.5
                              30.6
                                    29.1
                                          26.5
                                                 24.7
                                                       23.8
                                                             22.9
                                                                   22.1
                                                                         21.3
                                                                               20.6
## [49273]
            19.9
                  19.2
                        19.0
                              18.8
                                    20.7
                                          23.8
                                                25.8
                                                       27.1
                                                             28.0
                                                                   29.1
                                                                         30.2
                                                                               30.8
            30.9
                  30.8
                        30.5
                              29.6
                                          26.0
                                                       23.5
                                                             22.8
                                                                         21.5
## [49285]
                                    28.3
                                                24.4
                                                                   22.3
                                                                               20.9
## [49297]
            20.3
                  19.9
                        19.5
                              19.3
                                    21.6
                                          23.8
                                                 26.0
                                                       28.1
                                                             29.7
                                                                   30.2
                                                                         30.7
                                                                               31.2
## [49309]
            31.2
                  30.9
                        30.1
                              28.9
                                    27.4
                                          25.0
                                                 23.8
                                                       23.4
                                                             22.6
                                                                   22.1
                                                                         21.9
                                                                               21.6
## [49321]
            21.3
                  20.9
                        20.7
                                    21.4
                                          23.3
                                                25.5
                                                       27.7
                                                             29.8
                                                                   30.8
                                                                         30.9
                              20.3
                                                                               31.1
## [49333]
            31.0
                  30.7
                        30.0
                              28.8
                                    27.2
                                          25.0
                                                23.7
                                                       23.0
                                                             22.2
                                                                   21.4
                                                                         20.7
## [49345]
            19.0
                  18.6
                        18.1
                              17.6
                                    19.3
                                          22.7
                                                 25.2
                                                       27.3
                                                             28.8
                                                                   30.2 31.0
                                                                               31.5
## [49357]
            31.7
                  31.1
                        30.4
                              29.5
                                    27.9
                                          25.4
                                                23.9
                                                       22.7
                                                             21.8
                                                                   21.0
                                                                         20.2
                                                                               19.7
## [49369]
            19.4
                  19.5
                        19.4
                              19.1
                                    21.5
                                          22.6
                                                24.9
                                                       26.6
                                                             27.9
                                                                   28.9
                                                                         30.2
                                                                               31.2
## [49381]
            31.7
                  31.9
                        31.4
                              30.4
                                    28.8
                                          26.1
                                                 24.7
                                                       23.7
                                                             23.0
                                                                   22.2
                                                                         21.4
## [49393]
            20.4
                  20.1
                        19.8
                              19.4
                                    20.7
                                          23.4
                                                 25.4
                                                       26.8
                                                             27.8
                                                                   29.0
                                                                         29.8
                                                                               30.4
            30.6
                  30.4
                        29.8
                              28.5
                                    26.8
                                          24.3
                                                 23.2
                                                       22.4
                                                             21.8
                                                                   21.1
                                                                         20.6
## [49405]
                                                                               20.0
                                    20.9
                                          22.5
                                                24.6
                                                       26.2
                                                                   28.1
                                                                         28.6
## [49417]
            19.2
                  18.8
                        18.6
                              18.4
                                                             27.0
                                                                               29.0
                                                 22.4
## [49429]
            29.0
                  28.8
                        28.2
                              27.2
                                    25.7
                                          23.4
                                                       21.9
                                                             21.4
                                                                   20.6
                                                                         20.2
## [49441]
            19.6
                  19.3
                        19.1
                              18.9
                                    20.2
                                          22.2
                                                 24.4
                                                       26.3
                                                             27.4
                                                                   28.4
                                                                         29.0
                                                                               29.4
                                    26.4
                                          23.9
                                                 22.8
                                                       22.1
## [49453]
            29.6
                  29.4
                        28.9
                              28.0
                                                             21.2
                                                                   20.4
                                                                         19.9
                                                                               19.4
                                                             27.9
## [49465]
            18.8
                  18.4
                        18.1
                              17.8
                                    18.9
                                          21.7
                                                 24.3
                                                       26.4
                                                                   29.2
                                                                         30.0
                                                                               30.7
## [49477]
            31.2
                  31.2
                        30.5
                              29.2
                                    28.0
                                          25.3
                                                 23.6
                                                       22.0
                                                             21.4
                                                                   21.2
                                                                         20.7
                                                                               20.3
## [49489]
            19.8
                  19.6
                        19.4
                              18.9
                                    19.4
                                          22.9
                                                 25.8
                                                       27.8
                                                             29.2
                                                                   30.4
                                                                         31.3
                                                                               31.5
##
  [49501]
            31.7
                  31.5
                        30.7
                              29.7
                                    28.3
                                          24.5
                                                22.8
                                                       22.5
                                                             21.7
                                                                   20.5
                                                                         19.8
                                                                               19.5
                                                       26.5
## [49513]
            19.1
                  18.8
                        18.3
                              17.9
                                    19.1
                                          22.6
                                                24.9
                                                             27.7
                                                                   29.0
                                                                         30.0
                                                                               30.7
## [49525]
                  30.9
                        30.6
                              29.7
                                    28.5
                                          25.0
                                                23.1
                                                       22.2
                                                             21.1
                                                                   20.2
                                                                         19.4
            31.0
                                                                               18.9
## [49537]
            18.7
                  18.5
                        18.5
                              18.3
                                    18.9
                                          22.4
                                                24.9
                                                       26.6
                                                             28.1
                                                                   29.4
                                                                         30.9
                                                                               31.9
## [49549]
            32.6
                  32.8
                        32.6
                              31.9
                                    30.7
                                          26.9
                                                24.2
                                                       22.9
                                                             21.9
                                                                   21.0
                                                                         20.4
                                                                               19.7
## [49561]
            19.4
                  19.2
                        18.8
                              18.2
                                    19.4
                                          23.2
                                                26.6
                                                       28.9
                                                             30.7
                                                                   32.3
                                                                         33.6
## [49573]
            34.6
                  34.5
                        34.0
                              33.2
                                    31.1
                                          25.6
                                                24.0
                                                       23.2
                                                             22.4
                                                                   21.8
                                                                         21.0
                                                                               20.3
  [49585]
            19.8
                  19.5
                        19.1
                              18.9
                                    20.6
                                          24.3
                                                 27.4
                                                       29.7
                                                             31.6
                                                                   33.1
                                                                         34.4
                                                                               35.4
            36.1
                                                       25.2
## [49597]
                  36.3
                        35.6
                              34.5
                                    32.6
                                          29.0
                                                26.9
                                                             24.5
                                                                   24.3
                                                                         23.7
                                                                               23.6
  [49609]
                  22.8
                        21.9
                              21.9
                                    22.3
                                          24.9
                                                 27.8
                                                       29.4
                                                             30.7
                                                                   32.1
            23.4
                                                                         33.1
## [49621]
            34.2
                  34.1
                        33.2
                              30.5
                                    27.8
                                          24.6
                                                24.7
                                                       24.4
                                                             24.1
                                                                   23.3
                                                                         22.4
                                                                               21.3
                              19.5
                                                23.7
                                                       25.7
## [49633]
            20.6
                  20.5
                        20.1
                                    19.1
                                          21.5
                                                             27.1
                                                                   28.2
                                                                         28.8
                                                                               28.7
                                                       23.9
                                                             22.8
                                                                         19.0
## [49645]
            28.9
                  29.4
                        28.9
                              28.4
                                    27.3
                                          26.1
                                                24.9
                                                                   20.4
                                                                               18.0
                                                       23.6
                                                             24.9
                                                                   25.9
## [49657]
            17.4
                  16.8
                        16.3
                              15.7
                                    15.6
                                          18.9
                                                 22.0
                                                                         26.8
                                                                               27.5
            27.9
                  27.8
                        27.3
                                          22.4
## [49669]
                              26.5
                                    25.1
                                                 20.3
                                                       19.0
                                                             17.8
                                                                   16.8
                                                                         15.9
                                                                               15.4
##
  [49681]
            15.1
                  14.8
                        14.5
                              14.3
                                    17.0
                                          20.6
                                                22.9
                                                       24.0
                                                             25.0
                                                                   25.7
                                                                         26.4
                                                                               27.0
## [49693]
                        26.8
                              25.9
                                                      19.4
                                                             18.7
                                                                   18.0
                                                                         17.6
            27.4
                  27.3
                                    24.6
                                          21.6
                                                20.2
                                                                               17.4
                                                                               28.7
## [49705]
            16.9
                  16.5
                        16.5
                              16.8
                                    16.3
                                          20.5
                                                23.2
                                                       24.7
                                                             25.8
                                                                   26.8
                                                                         27.7
                                    25.7
                                                       21.2
## [49717]
            29.4
                  29.7
                        29.3
                              27.7
                                          22.2
                                                21.4
                                                             20.5
                                                                   20.1
                                                                         19.9
                                                                               19.2
## [49729]
                                                                   28.7
            18.7
                  18.3
                        18.0
                              17.6
                                    18.7
                                          21.6
                                                24.1
                                                       25.9
                                                             27.4
                                                                         29.8
                                                                               30.7
## [49741]
            31.2
                  30.9
                        29.8
                              28.7
                                    26.8
                                          23.0
                                               22.0 21.6 21.4
                                                                   22.3 23.2 22.7
## [49753]
            22.1
                  21.6
                        21.2
                              20.5
                                    20.6
                                          20.7
                                                21.7
                                                       22.6 23.9
                                                                   25.1
                                                                         26.1
                                                                               26.9
## [49765]
            27.1 26.4 25.6 24.8
                                    23.5 20.1 18.5 18.4 18.0 17.3 16.9
                                                                              16.5
```

```
## [49777]
            16.3
                   16.6
                        16.3
                               16.0
                                      15.9
                                            18.6 21.9
                                                         23.3 24.3
                                                                      25.1
                                                                             26.0
## [49789]
            27.2
                   27.2
                         26.9
                                26.3
                                      24.8
                                            21.5
                                                   19.7
                                                         17.8
                                                                16.7
                                                                      16.1
                                                                             15.8
                                                                                   15.3
                                                   22.3
                                                         24.8
                                                                      27.8
## [49801]
            15.4
                   15.0
                         15.0
                                15.3
                                      15.7
                                             18.6
                                                                26.6
                                                                             28.8
                         28.9
                                             23.0
                                                   21.8
                                                         20.9
                                                                19.5
                                                                      17.4
  [49813]
            29.7
                   29.4
                                27.6
                                      25.7
                                                                             17.1
                                                                                   16.8
  [49825]
            16.8
                   16.0
                         16.1
                                16.4
                                      17.7
                                             20.5
                                                   23.5
                                                         25.4
                                                                26.7
                                                                      27.9
                                                                             28.7
                                                                                   29.5
## [49837]
            29.7
                   29.5
                         28.8
                                27.0
                                      24.8
                                            21.8
                                                   20.9
                                                         20.2
                                                                19.6
                                                                      18.7
                                                                             17.9
                                                                                   17.1
                                15.8
                                      16.2
                                            20.2
                                                   23.3
                                                         25.0
                                                                25.9
                                                                      26.4
                                                                             26.9
  [49849]
            16.5
                   16.2
                         15.9
            27.5
                   27.6
                         27.0
                                      24.2
                                            21.8
                                                   20.8
                                                         19.9
                                                                19.0
                                                                      18.4
  [49861]
                                26.0
                                                                             17.6
                                                                                   16.8
##
   [49873]
            16.5
                   16.2
                         16.1
                                15.9
                                      16.0
                                             19.4
                                                   21.6
                                                         22.7
                                                                23.6
                                                                      24.6
                                                                             25.5
                                                                                   26.2
                   26.6
                         26.2
                                             20.1
                                                   19.3
                                                                             16.2
##
   [49885]
            26.4
                                25.4
                                      23.8
                                                         18.6
                                                                16.8
                                                                      16.1
                                                                                   15.8
   [49897]
            15.3
                   15.0
                         15.1
                                15.1
                                      15.7
                                             19.1
                                                   22.4
                                                         24.6
                                                                26.5
                                                                      28.0
                                                                             29.0
                                                                                   29.5
  [49909]
                                                   20.5
            29.8
                   29.6
                         29.2
                                28.1
                                      25.6
                                             21.6
                                                         20.1
                                                                19.8
                                                                      19.3
                                                                             18.9
                                                                                   18.7
##
                                                         27.3
##
   [49921]
            18.6
                   18.4
                         17.8
                                17.2
                                      18.5
                                             21.2
                                                   24.9
                                                                29.2
                                                                      30.6
                                                                             32.0
                                                                                   32.8
## [49933]
                   32.3
                         31.6
                                30.5
                                      28.5
                                                   24.6
                                                         23.6
                                                                22.6
                                                                      22.0
                                                                             21.4
            32.6
                                             25.7
                                                                                   21.1
  [49945]
                   21.1
                         21.3
                                21.1
                                      20.9
                                             22.9
                                                   26.5
                                                         29.1
                                                                30.8
                                                                      32.2
                                                                             33.3
                                                                                   33.8
            21.1
   [49957]
            33.9
                   33.7
                         32.5
                                30.6
                                      28.2
                                             24.1
                                                   22.7
                                                         22.1
                                                                21.9
                                                                      22.1
                                                                             21.4
                                                                                   21.0
   [49969]
            20.7
                   20.7
                         20.4
                                20.2
                                      20.4
                                            23.3
                                                   26.6
                                                         28.4
                                                                29.7
                                                                      30.5
                                                                             31.0
##
                                                                                   31.3
   [49981]
            31.1
                   30.4
                         29.9
                                28.5
                                      26.4
                                             23.7
                                                   22.7
                                                         22.1
                                                                21.9
                                                                      21.5
                                                                             21.0
                                                                                   20.3
                                                                             25.1
  [49993]
                   17.9
                         17.8
                                17.7
                                      16.8
                                             18.7
                                                   20.2
                                                         21.6
                                                                22.6
                                                                      24.0
                                                                                   25.9
            20.6
  [50005]
            26.3
                   26.4
                         25.9
                                24.6
                                      22.3
                                             19.1
                                                   18.7
                                                         18.6
                                                                18.5
                                                                      17.9
                                                                             17.4
                                                                                   17.2
##
   [50017]
            16.3
                   16.1
                         15.9
                                15.6
                                      16.0
                                             18.0
                                                   21.8
                                                         24.1
                                                                25.5
                                                                      26.3
                                                                             26.8
                                                                                   27.0
   [50029]
            27.2
                   26.9
                         26.1
                                24.8
                                      22.7
                                             20.4
                                                   19.6
                                                         19.0
                                                                18.1
                                                                      17.4
                                                                             17.1
   [50041]
            16.6
                   16.5
                         16.6
                                16.5
                                      17.6
                                            19.2
                                                   22.3
                                                         24.3
                                                                25.9
                                                                      27.4
                                                                             27.7
##
                                                                                   28.5
   [50053]
            27.7
                   27.6
                         27.3
                                24.5
                                      22.8
                                             22.0
                                                   19.0
                                                         18.9
                                                                17.9
                                                                      17.6
                                                                             17.6
##
                                                                                   18.2
                                                   21.9
                                                         23.7
                                                                25.2
                                                                      26.1
                                                                             26.6
                                                                                   26.6
##
   [50065]
            17.8
                   16.2
                         15.5
                                15.1
                                      17.8
                                            19.2
                                             20.8
                                                         19.9
   [50077]
            26.2
                   25.7
                         25.1
                                24.0
                                      22.3
                                                   20.3
                                                                19.7
                                                                      19.0
                                                                             18.7
                                                                                   18.0
   [50089]
            17.6
                   18.5
                         19.5
                                20.1
                                      18.3
                                            20.9
                                                   23.3
                                                         22.8
                                                                22.7
                                                                      23.0
                                                                             23.3
                                                                                   23.4
##
   [50101]
            23.5
                   23.5
                         23.5
                                23.7
                                                   20.0
                                                         19.5
                                                                19.1
##
                                      22.1
                                             20.3
                                                                      18.6
                                                                             18.4
                                                                                   18.1
                                                                             28.2
   [50113]
            17.7
                   17.5
                         17.4
                                17.2
                                      18.2
                                             19.5
                                                   22.7
                                                         24.6
                                                                26.0
                                                                      27.3
                                                                                   28.2
##
   [50125]
            28.0
                   27.6
                         27.0
                                25.7
                                      23.8
                                             21.7
                                                   20.9
                                                         20.2
                                                                19.6
                                                                      19.3
                                                                             20.3
                                                                                   19.8
##
   [50137]
            21.0
                   19.2
                         16.7
                                16.0
                                      16.6
                                             17.7
                                                   18.7
                                                         20.3
                                                                20.8
                                                                      22.1
                                                                             22.5
                                                                                   21.1
##
   [50149]
            21.2
                   22.1
                         22.3
                                22.0
                                      21.0
                                             20.1
                                                   20.0
                                                         19.8
                                                                19.3
                                                                      16.8
                                                                             15.9
                                                                                   15.1
   [50161]
            14.7
                   14.5
                         14.4
                                14.3
                                      13.3
                                             16.1
                                                   18.8
                                                         20.4
                                                                21.6
                                                                      22.5
                                                                             23.3
                                                                                   24.0
                                                         17.9
                                                                17.9
                                                                                   15.8
   [50173]
                   24.3
                         24.1
                                23.3
                                      20.5
                                             18.6
                                                   18.1
                                                                      17.2
                                                                             16.7
            24.3
   [50185]
            15.5
                   14.5
                         14.5
                                14.4
                                      13.4
                                             15.6
                                                   16.9
                                                         18.8
                                                                20.5
                                                                      21.8
                                                                             22.8
                                                                                   23.5
   [50197]
            23.4
                   21.9
                         21.4
                                20.4
                                      18.7
                                             17.4
                                                   16.5
                                                         15.7
                                                                14.8
                                                                      14.2
                                                                             13.9
##
                                                                                   13.9
   [50209]
            13.8
                   13.9
                         13.8
                                13.6
                                      12.2
                                             15.0
                                                   17.8
                                                         19.5
                                                                20.5
                                                                      21.5
                                                                             22.3
                                                                                   23.0
   [50221]
            23.6
                   23.8
                         23.3
                                21.2
                                      19.0
                                             17.3
                                                   17.2
                                                         16.9
                                                                16.5
                                                                      16.2
                                                                             15.9
                                                                                   16.0
##
   [50233]
            17.2
                   16.6
                         16.5
                                15.9
                                      15.5
                                             17.0
                                                   19.7
                                                         21.7
                                                                23.3
                                                                      24.6
                                                                             25.6
                                                                                   26.4
##
   [50245]
            26.8
                   26.0
                         25.1
                                23.8
                                      21.1
                                            19.2
                                                   19.0
                                                         18.8
                                                                18.6
                                                                      18.0
                                                                             17.6
                                                                                   16.8
##
   [50257]
                         16.1
                                16.3
                                      16.9
                                             18.3
                                                   21.4
                                                         23.8
                                                                25.5
                                                                      26.7
            16.5
                   16.2
                                                                             27.1
   [50269]
            27.1
                   26.8
                         26.1
                                24.9
                                      22.1
                                            20.0
                                                   19.1
                                                         18.5
                                                                18.3
                                                                      18.0
                                                                             17.7
                                                                                   17.6
   [50281]
                                16.9
                                      17.9
                                                   22.0
                                                         24.7
                                                                             28.6
            17.3
                   17.0
                         16.8
                                             18.9
                                                                26.7
                                                                      28.1
                                                                                   28.4
   [50293]
                                      23.0
                                                         20.4
                                                                19.8
##
            28.1
                   27.4
                         26.4
                                25.1
                                             21.7
                                                   21.0
                                                                      19.3
                                                                             18.7
                                                                                   17.8
   [50305]
                                                         24.0
                                                                25.4
            17.7
                   17.7
                         17.6
                                17.1
                                      17.3
                                             19.4
                                                   22.1
                                                                      26.4
                                                                             27.1
                                                                                   27.6
                   27.6
                         27.2
                                                         19.5
   [50317]
            27.7
                                26.3
                                      24.6
                                             23.0
                                                   21.3
                                                                18.8
                                                                      18.7
                                                                             18.3
                                                                                   17.4
##
##
   [50329]
            16.9
                   16.3
                         15.9
                                15.6
                                      15.9
                                             17.5
                                                   19.9
                                                         21.7
                                                                23.3
                                                                      24.7
                                                                             25.8
                                                                                   26.4
   [50341]
                   26.8
                         26.5
                                25.6
                                      22.9
                                             21.5
                                                   21.2
                                                         21.1
                                                                20.6
                                                                      20.0
                                                                             19.5
                                                                                   19.0
##
            26.7
            18.7
                                                                25.1
   [50353]
                   18.6
                         18.3
                                18.0
                                      17.2
                                             18.4
                                                   21.4
                                                         23.5
                                                                      26.4
                                                                             27.6
                                                                                   28.2
                                      23.4
                                                         21.0
                                                                             20.2
   [50365]
            28.2
                   28.0
                         27.5
                                26.1
                                             22.2
                                                   21.5
                                                                20.5
                                                                      20.1
                                                                                   20.1
   [50377]
            19.7
                   19.7
                         20.0
                                19.0
                                      18.0
                                             19.5
                                                   22.7
                                                         25.4
                                                                27.2
                                                                      28.6
                                                                             29.9
##
                                                                                   30.4
                                      25.4
                                            23.9
                                                         22.2
## [50389]
            30.6
                   30.6
                         29.9
                                28.2
                                                   23.1
                                                                22.3
                                                                      22.0
                                                                            21.6
                                                                                   22.2
## [50401]
            21.0
                   20.5
                         20.8
                                20.5
                                      21.4
                                            22.0
                                                   22.2
                                                         21.8
                                                                21.7
                                                                      21.3
                                                                             21.1
                                                                                   22.7
## [50413]
            19.7
                   20.1
                         20.7
                               20.6
                                     19.6
                                            19.2 19.5 18.9 16.8 13.7 11.7
```

```
## [50425]
             10.4
                   10.0
                          9.6
                                 9.2
                                       8.8
                                              8.7
                                                    8.9
                                                           9.2
                                                                 9.6
                                                                     10.2
                                                                             11.0
                   11.0
                                                                       10.7
   [50437]
             10.9
                                11.1
                                      10.9
                                             10.8
                                                   10.9
                                                          10.9
                                                                10.9
                                                                             10.4
                                                                                     9.8
                         11.1
   [50449]
                                                                                    14.3
             9.4
                    9.0
                           8.6
                                 8.1
                                        7.8
                                              8.0
                                                    8.9
                                                          10.0
                                                                 11.4
                                                                       12.6
                                                                             13.6
   [50461]
                                                                                     8.2
             14.6
                   14.7
                          14.3
                                13.5
                                      11.5
                                             10.1
                                                    9.0
                                                           8.0
                                                                 7.0
                                                                        6.3
                                                                              7.3
   [50473]
             7.6
                    7.1
                           5.0
                                 3.6
                                        2.8
                                              4.0
                                                    7.6
                                                           9.6
                                                                 10.8
                                                                       11.9
                                                                             12.7
                                                                                    13.3
   [50485]
             13.5
                   13.4
                         13.1
                                12.3
                                      10.2
                                              8.7
                                                    7.6
                                                           6.6
                                                                 5.7
                                                                        5.0
                                                                              4.5
                                                                                     4.3
##
   [50497]
             4.3
                    4.1
                           3.8
                                 3.5
                                        3.2
                                              4.1
                                                          10.9
                                                                12.0
                                                                       12.9
                                                                             13.7
                                                    8.0
                                                                                    14.3
                   14.2
                                      10.5
                                              9.3
                                                           7.2
                                                                 6.4
                                                                        5.9
   [50509]
             14.1
                          14.0
                                13.3
                                                    8.1
                                                                              5.5
                                                                                     5.2
##
   [50521]
             4.9
                    4.6
                           4.0
                                 3.6
                                        3.3
                                              5.8
                                                    9.7
                                                          11.2
                                                                12.6
                                                                       13.8
                                                                             14.9
                                                                                    15.7
             17.0
                                                           9.0
                                                                              7.0
                                                                                     6.6
##
   [50533]
                   17.0
                          16.5
                                15.4
                                      12.9
                                             11.2
                                                   10.0
                                                                 8.0
                                                                        7.5
   [50545]
             6.2
                    6.4
                           7.6
                                 7.4
                                       7.9
                                              8.9
                                                   11.4
                                                          13.3
                                                                15.2
                                                                       16.6
                                                                             17.8
                                                                                    18.5
                                                                              7.6
                                                                                     7.1
   [50557]
             19.3
                   19.0
                          18.3
                                16.9
                                      14.1
                                             12.1
                                                   10.7
                                                           9.7
                                                                 8.9
                                                                        8.2
##
##
   [50569]
             6.6
                    6.1
                           5.7
                                 7.2
                                       7.8
                                              9.0
                                                   11.3
                                                          14.0
                                                                15.8
                                                                       17.3
                                                                             18.6
                                                                                    19.6
                                                                       11.3
   [50581]
             20.2
                   20.1
                                17.8
                                      15.1
                                             13.0
                                                          10.7
                                                                 10.3
                                                                             12.2
##
                         19.4
                                                   11.6
                                                                                    12.6
   [50593]
             12.5
                   12.5
                         12.4
                                12.4
                                      12.4
                                             12.6
                                                   13.6
                                                          14.8
                                                                16.6
                                                                       18.4
                                                                             20.1
                                                                                    21.3
   [50605]
             22.4
                   22.6
                         22.4
                                21.5
                                      19.1
                                             17.7
                                                   16.6
                                                          15.8
                                                                16.0
                                                                       15.6
                                                                             15.3
                                                                                    15.1
   [50617]
             14.9
                   14.7
                         15.0
                                14.7
                                      14.3
                                             15.0
                                                   17.7
                                                          20.0
                                                                21.9
                                                                       23.3
                                                                             24.2
                                                                                    24.6
##
   [50629]
             24.4
                   24.0
                         23.3
                                22.0
                                      19.1
                                             18.2
                                                   17.8
                                                          17.3
                                                                16.9
                                                                       16.6
                                                                             16.2
                                                                                    15.9
                   15.5
   [50641]
                         15.3
                                15.0
                                      16.2
                                             16.8
                                                   19.9
                                                          22.4
                                                                24.2
                                                                       25.8
                                                                             26.7
                                                                                    26.8
             15.7
   [50653]
             26.3
                   25.7
                         24.4
                                22.5
                                      20.3
                                             19.2
                                                   19.6
                                                          19.5
                                                                19.2
                                                                       18.8
                                                                             18.5
                                                                                    18.3
                                      17.0
##
   [50665]
             18.2
                   18.0
                         17.7
                                17.3
                                             17.2
                                                   20.2
                                                          22.7
                                                                24.2
                                                                       25.4
                                                                             26.2
                                                                                    26.5
   [50677]
             26.3
                   25.9
                         24.9
                                23.0
                                      20.7
                                             19.8
                                                   19.4
                                                          18.8
                                                                17.7
                                                                       16.7
                                                                             15.9
   [50689]
             14.7
                   14.3
                         14.0
                                14.3
                                      14.8
                                             15.0
                                                   16.3
                                                          17.3
                                                                17.7
                                                                       19.0
                                                                             20.2
                                                                                    21.1
##
   [50701]
             21.6
                   21.7
                         21.2
                                20.0
                                      18.0
                                             17.1
                                                   16.2
                                                          15.7
                                                                15.0
                                                                       14.4
                                                                             13.7
##
                                                                                    13.1
                                             13.6
                                                   15.3
                                                                18.7
                                                                       20.1
                                                                             21.0
                                                                                    21.6
##
   [50713]
             12.7
                   12.5
                         12.1
                                11.8
                                      13.1
                                                          17.2
   [50725]
             21.9
                   21.8
                         21.3
                                19.8
                                      17.5
                                             16.6
                                                   15.7
                                                          15.0
                                                                14.4
                                                                       13.9
                                                                             13.3
                                                                                    12.9
   [50737]
             12.5
                   12.1
                         11.9
                                11.7
                                      12.1
                                             13.0
                                                   15.8
                                                          18.1
                                                                20.3
                                                                       22.3
                                                                             23.6
                                                                                    24.8
   [50749]
            25.5
                                      19.8
                                             18.5
                                                   17.4
                                                          16.6
                                                                16.2
                                                                             16.0
##
                   25.0
                         24.0
                                22.4
                                                                       16.1
                                                                                    15.7
   [50761]
                                15.5
                                                                             20.2
             15.6
                   15.5
                         15.5
                                      16.3
                                             16.8
                                                   19.4
                                                          20.6
                                                                21.6
                                                                       21.2
                                                                                    19.2
   [50773]
             20.5
                   22.5
                         22.4
                                21.6
                                      19.8
                                             20.0
                                                   19.5
                                                          18.3
                                                                18.0
                                                                       17.6
                                                                             17.5
                                                                                    18.1
            17.9
                                16.9
##
   [50785]
                   17.5
                         17.1
                                      16.9
                                             15.4
                                                   12.7
                                                          13.0
                                                                13.4
                                                                       13.2
                                                                             13.1
                                                                                    13.6
##
   [50797]
             13.1
                   13.3
                         13.2
                                12.8
                                      13.0
                                             12.4
                                                   12.5
                                                          12.1
                                                                12.8
                                                                       12.9
                                                                             12.9
                                                                                    13.3
   [50809]
             13.8
                   14.0
                          14.0
                                14.1
                                      13.2
                                             13.5
                                                   14.8
                                                          15.7
                                                                17.3
                                                                       18.4
                                                                             19.2
                                                                                    19.6
                                             15.0
   [50821]
             19.6
                   19.5
                         18.8
                                17.5
                                      15.6
                                                   15.1
                                                          15.2
                                                                15.1
                                                                       14.7
                                                                                    13.4
                                                                             13.8
   [50833]
             13.8
                   13.6
                         13.4
                                13.4
                                      11.1
                                             10.9
                                                   14.1
                                                          16.0
                                                                17.3
                                                                       18.1
                                                                             18.8
                                                                                    19.3
                                                                             13.1
   [50845]
             19.5
                   19.5
                         19.1
                                17.6
                                      15.7
                                             14.8 14.1
                                                          13.5
                                                                13.2
                                                                       13.2
##
                                                                                    12.6
   [50857]
             12.2
                   11.9
                         11.7
                                11.5
                                      10.2
                                             10.4
                                                   13.6
                                                          15.5
                                                                16.9
                                                                       17.7
                                                                              18.2
                                                                                    18.3
   [50869]
             18.2
                   17.7
                          16.8
                                15.3
                                      13.1
                                             12.1
                                                   11.1
                                                          10.3
                                                                 9.8
                                                                        9.7
                                                                              9.6
                                                                                     9.4
##
   [50881]
             9.2
                    8.9
                           8.6
                                 8.5
                                        9.0
                                              8.8
                                                   12.1
                                                          14.7
                                                                16.6
                                                                       18.3
                                                                             19.6
                                                                                    20.3
##
            20.8
   [50893]
                   20.9
                         20.3
                                18.3
                                      16.4
                                             15.3
                                                   14.5
                                                          13.9
                                                                13.4
                                                                       13.1
                                                                             12.9
                                                                                    12.7
##
                   12.0
                                                                20.2
   [50905]
                                11.5
                                      12.5
                                             12.5
                                                   14.8
                                                          17.9
                                                                       21.9
                                                                             23.2
             12.4
                         11.7
   [50917]
            24.0
                   23.4
                         22.2
                                19.7
                                      17.3
                                             16.6
                                                   16.1
                                                          15.7
                                                                15.4
                                                                       15.0
                                                                             14.7
                                                                                    14.5
   [50929]
                         13.3
                                13.2
                                      12.6
                                             13.0
                                                   15.6
                                                          17.1
             14.1
                   13.6
                                                                18.1
                                                                       19.0
                                                                             19.6
                                                                                    19.9
   [50941]
                                18.0
                                                          14.6
                                                                             13.0
##
            20.1
                   20.0
                         19.4
                                      16.8
                                             16.2
                                                   15.5
                                                                13.9
                                                                       13.4
                                                                                    12.8
   [50953]
                                                          15.3
                                                                16.6
             12.6
                   12.3
                         12.0
                                11.7
                                      11.6
                                             11.8
                                                   14.2
                                                                       17.3
                                                                             18.0
                   17.8
                                                          12.4
   [50965]
             18.3
                         16.9
                                15.4
                                      14.3
                                             13.7
                                                   13.1
                                                                11.9
                                                                       11.9
                                                                             12.1
                                                                                    11.2
                                                          14.2
##
   [50977]
             11.7
                   11.2
                         10.7
                                10.4
                                      12.1
                                             12.2
                                                   13.4
                                                                14.8
                                                                       15.3
                                                                             15.8
                                                                                    16.4
   [50989]
                         16.1
                                             12.7
                                                   12.2
                                                          11.7
                                                                             10.3
                                                                                    10.1
             16.7
                   16.6
                                14.6
                                      13.4
                                                                11.2
                                                                       10.6
   [51001]
             9.9
                   10.1
                         10.8
                                10.6
                                      11.3
                                             11.5
                                                   13.0
                                                          13.9
                                                                14.6
                                                                       15.3
                                                                             15.6
                                                                                    16.1
                                                          12.3
   [51013]
             16.3
                   16.3
                         15.9
                                14.6
                                      13.4
                                             12.7
                                                   12.4
                                                                11.8
                                                                       11.8
                                                                             11.0
                                                                                    11.6
                                      11.3
                                             11.4
   [51025]
             11.4
                                11.1
                                                   12.6
                                                          13.8
                                                                15.3
                                                                       16.6
                                                                             17.4
##
                   11.1
                         11.1
                                                                                    18.0
                                                                             11.2
## [51037]
             18.6
                   18.5
                         17.8
                                15.7
                                      13.9
                                             13.5
                                                   12.9
                                                          12.4
                                                                12.0
                                                                       11.5
                                                                                    10.8
## [51049]
             10.6
                   10.3
                           9.9
                                 9.8
                                      10.9
                                             10.9
                                                   13.2
                                                          16.2
                                                                18.7
                                                                       20.5
                                                                             21.8
                                                                                    23.0
## [51061]
             23.5
                   23.3
                         22.3
                               19.9
                                      17.9
                                             16.9
                                                   16.2 15.5 14.7 14.4 14.1
                                                                                   13.9
```

```
## [51073]
            13.4 13.2 13.0 13.3 15.3 15.0 16.5 19.5 21.6 23.3 24.5
## [51085]
           25.1
                  24.7
                        23.3
                              20.4
                                    18.1
                                          17.1
                                               16.7
                                                      16.5 15.9
                                                                  15.2 14.7
                                                                               14.5
## [51097]
                                    12.9
            14.1
                  13.6
                        13.3
                              13.0
                                          13.4
                                               16.6
                                                      18.6
                                                            20.1
                                                                  21.1
                                                                         21.9
                                    18.0
                                                16.2
                                                            15.2
                                                                  14.5
## [51109]
           22.6
                  22.4
                        21.7
                              19.7
                                          17.0
                                                      15.6
                                                                        13.9
                                                                               13.4
## [51121]
            12.8
                  12.4
                        12.4
                              12.3
                                    12.2
                                          12.3
                                                15.0
                                                      16.7
                                                            17.9
                                                                  18.8
                                                                         19.6
                                                                               20.2
## [51133]
           20.5
                  20.5
                       19.9
                              18.1
                                    16.9
                                          16.1
                                                15.5
                                                      15.0
                                                            14.3
                                                                  13.9 13.5
                                                                               12.9
                 12.0
                        11.9
                              12.6
                                    13.6
                                          13.5
                                                14.7
                                                      15.5
                                                            16.0
                                                                  16.7
## [51145]
            12.4
                                                                        17.6
## [51157]
                 17.9
                        17.3
                                    14.6
                                          14.0
                                                13.3
                                                      13.5
                                                            12.9
                                                                  12.7
            18.2
                             15.6
                                                                        12.6
                                                                               12.5
                                                14.2
                                                                  16.5
  [51169]
            12.4
                  12.3
                        12.1
                              11.8
                                    13.1
                                          13.1
                                                      14.9
                                                            15.7
                                                                        17.4
            18.5
                  18.7
                                          13.2 12.0
                                                      12.0 12.0
                                                                        11.6
  [51181]
                        18.2
                              16.3
                                    14.8
                                                                  11.6
                                                                               11.3
## [51193]
            11.1
                  11.2
                        11.2
                              11.1
                                    11.9
                                          11.8 12.8
                                                      15.7
                                                            17.8
                                                                  19.3
                                                                         20.1
## [51205]
            20.3
                  19.9
                        18.8
                              16.6
                                    14.8
                                          14.1
                                                13.6
                                                      13.2
                                                            12.7
                                                                  12.3
                                                                        12.1
                                                                               11.9
## [51217]
            11.7
                  11.6
                        11.5
                              11.5
                                    13.1
                                          13.6
                                                16.3
                                                      18.7
                                                            20.2
                                                                  21.4
                                                                         22.3
                                                                               22.6
                                                15.5
                                                            14.9
## [51229]
           22.6
                  22.0
                              19.2
                                    17.6
                                          16.4
                                                      15.1
                                                                  14.8
                                                                        14.8
                        21.1
                                                                              14.7
## [51241]
            14.5
                  14.6
                        14.5
                              14.6
                                    15.7
                                          15.9
                                                17.8
                                                      19.5
                                                            20.5
                                                                   21.1
                                                                         21.2
                                                                               21.2
  [51253]
            21.6
                  21.0
                        20.2
                              18.7
                                    17.8
                                          17.6
                                                17.3
                                                      17.1
                                                            16.8
                                                                  16.7
                                                                         16.6
                                                                               16.5
  [51265]
            16.4
                  16.2
                        16.3
                              16.4
                                    16.8
                                          16.7
                                                18.2
                                                      19.7
                                                            20.0
                                                                  20.1
                                                                         20.2
                                                                               20.1
##
## [51277]
            19.9
                  19.6
                        19.0
                              17.9
                                    17.2
                                          17.0
                                                16.8
                                                      16.0
                                                            15.8
                                                                  16.7
                                                                         15.9
## [51289]
            15.7
                  15.8
                        15.5
                              15.4
                                    13.3
                                          13.3 13.3 13.8
                                                            15.1
                                                                  16.9
                                                                        17.4
                                                                               17.6
## [51301]
            17.7
                  17.8
                        17.4
                              15.8
                                    15.1
                                          15.0
                                                14.6
                                                      14.4
                                                            14.0
                                                                  13.6
                                                                         13.6
                                                                               13.8
## [51313]
            13.5
                  12.9
                        12.7
                              12.4
                                     9.8
                                           9.5
                                                11.2 14.0
                                                            16.0
                                                                  17.3
                                                                         18.0
                                                                               18.1
## [51325]
            17.7
                  17.0
                        16.0
                              13.8
                                    12.6
                                          11.7
                                                11.0
                                                      10.4
                                                            10.1
                                                                    9.8
                                                                          9.6
                                                                                9.6
## [51337]
            9.3
                   9.1
                         8.9
                               8.8
                                     8.4
                                           8.4
                                                10.9
                                                      13.2
                                                            14.9
                                                                   16.2
                                                                        17.1
                                                                              17.6
## [51349]
            17.6
                  17.2
                        16.2
                              13.5
                                    12.6
                                          11.8
                                                11.0
                                                      10.4
                                                             9.9
                                                                    9.5
                                                                          9.3
                                                                                9.2
                         9.1
## [51361]
            9.6
                   9.3
                               8.9
                                          10.2 11.5 14.5 16.8
                                                                  18.6
                                                                        19.8
                                                                               20.2
                                    10.0
                  19.5
                        18.3
                                    14.5
  [51373]
            20.2
                              15.9
                                          14.3 14.2
                                                      13.3
                                                            12.7
                                                                  12.3
                                                                        11.9
## [51385]
            11.9
                  12.5
                        12.8
                              13.7
                                    13.5
                                          13.0
                                                16.3
                                                      18.5
                                                            19.5
                                                                  20.8
                                                                        20.8
                                                                               19.7
## [51397]
                  21.2
                              19.4
                                    17.3
                                          16.6
                                                16.4
                                                      16.0
                                                            15.7
                                                                  15.5
                                                                        15.0
            21.1
                        20.6
                                                                               14.7
                                    13.4
## [51409]
           14.1
                  13.9
                        14.0
                              14.0
                                          12.5
                                                14.6
                                                      17.5
                                                            19.3
                                                                  20.5
                                                                        21.1 21.3
  [51421]
           21.1
                  20.0
                        18.7
                              16.3
                                    15.3
                                          15.0
                                                14.5
                                                      13.5
                                                            12.7
                                                                   12.3
                                                                        12.1
                                                                               12.5
                                    12.9
  [51433]
            12.3
                  12.0
                        12.0
                              11.8
                                          12.6
                                                12.9
                                                      13.5
                                                            14.1
                                                                  14.5
                                                                        15.2
                                                                               15.2
##
  [51445]
            15.1
                  14.6
                        13.9
                              12.5
                                    12.1
                                          11.6 11.8
                                                      11.7
                                                            11.6
                                                                 11.4
                                                                        11.1
                                                                               10.9
  [51457]
            10.7
                  10.7
                        10.6
                              10.5
                                    12.0
                                          11.9
                                               12.4
                                                      13.4
                                                            14.1
                                                                   14.4
                                                                        14.3
                                                                               14.7
## [51469]
                  13.7
                        13.0
                              12.2
                                    12.1
                                          11.9 11.7
                                                      11.5
                                                            11.4
                                                                  11.3
            14.1
                                                                        11.3
                                                                               11.4
## [51481]
            11.5
                  11.6
                        11.8
                              11.8
                                    11.9
                                          11.8
                                                12.3
                                                      13.2
                                                            13.9
                                                                  14.5
                                                                         14.6
                                                                               14.9
## [51493]
            15.5
                  15.1
                        14.2
                              12.8
                                    12.4
                                          12.4
                                                11.9
                                                      11.7
                                                            11.3
                                                                  11.2 10.9
                                                                               10.6
## [51505]
            10.4
                  10.2
                        10.0
                              10.0
                                     9.6
                                           9.3
                                                10.1
                                                      11.2
                                                            12.5
                                                                   13.6
                                                                         13.7
## [51517]
            14.2
                  13.6
                        12.8
                              11.9
                                    11.0
                                           9.8
                                                 8.9
                                                       8.2
                                                             7.7
                                                                    7.2
                                                                          6.8
                                                                                6.5
  [51529]
            6.1
                   5.8
                         5.5
                               5.3
                                     5.3
                                           4.9
                                                 6.7
                                                       8.9
                                                            10.4
                                                                   11.4
                                                                         12.1
                                                                               12.4
## [51541]
            12.1
                  11.7
                        11.0
                               9.6
                                     9.1
                                           8.9
                                                 8.8
                                                       8.6
                                                             8.2
                                                                    7.9
                                                                         7.6
                                                                                7.5
## [51553]
                   7.2
                         7.0
                               6.8
                                     6.9
                                           7.0
                                                 8.6
                                                      10.6
                                                            11.8
                                                                  12.7
                                                                        13.0
            7.4
## [51565]
            13.1
                  12.8
                        11.9
                              10.5
                                    10.0
                                           9.7
                                                 9.3
                                                       8.8
                                                             8.4
                                                                    9.2
                                                                          9.2
                                                                                9.3
  [51577]
            9.3
                               9.3
                                     9.9
                                           9.8
                                                10.9
                                                      12.0
                   9.2
                         9.1
                                                            13.1
                                                                  14.2 15.1
                                                                               15.7
  [51589]
            16.1
                  16.3
                        15.5
                                    11.9
                                                                        10.8
                              13.3
                                          11.7
                                                11.6
                                                      11.5
                                                            11.5
                                                                  11.1
                                                                               11.2
  [51601]
                                    11.2
                                                      14.6
                                                            17.1
                                                                  19.2
            11.2
                  11.2
                        11.1
                              11.1
                                          11.5
                                                12.0
                                                                        18.9
                  18.9
                              17.7
                                    17.1
                                                            14.9
  [51613]
            19.9
                        18.5
                                          16.5
                                                15.6
                                                      15.8
                                                                  14.4
                                                                        14.2
                                                                               14.2
##
  [51625]
            14.0
                  13.8
                        13.6
                              13.6
                                    14.8
                                          14.9
                                                16.1
                                                      17.7
                                                            18.7
                                                                  19.4
                                                                         20.0
                                                                               20.2
  [51637]
                  19.7
                        18.9
                              17.2
                                    16.5
                                          16.8
                                                16.7
                                                      15.5
                                                            15.3
                                                                  15.2 15.0
                                                                               15.0
            20.2
  [51649]
            14.9
                  14.6
                        14.5
                              14.5
                                    13.6
                                          13.2
                                                13.6 15.3
                                                            16.0
                                                                  15.1
                                                                        14.8
                                                                              15.8
                                                      12.2
## [51661]
            16.0
                  16.0
                        15.7
                              14.0
                                    13.3
                                          13.0
                                                12.6
                                                            11.8
                                                                  11.6
                                                                        11.3
                                                                               11.2
## [51673]
            11.6
                  11.4
                        11.3
                              10.6
                                    11.2
                                          10.7
                                                11.6 14.2
                                                            16.5
                                                                  17.9
                                                                        18.5
                                                                               18.8
                                    16.4
## [51685]
            18.9
                  18.9
                        18.1
                              15.6
                                          14.3
                                                13.6 13.6
                                                            13.7
                                                                  14.2 14.4
## [51697]
            14.5
                  14.5
                        14.4
                              14.2
                                   14.6
                                          14.7
                                                15.6 16.2 16.5 17.4 18.3
                                                                              20.1
## [51709]
            20.4 19.9 18.6 17.1 16.5
                                         16.5 16.5 16.5 16.4 16.9 16.8
                                                                              15.9
```

```
## [51721]
             15.4
                    15.6 15.4 15.2 15.6
                                               15.3 15.3 16.1 17.5 17.7 18.0
             17.6
                           16.5
                                         13.3
                                  14.4
                                                12.7
                                                       12.3
                                                              12.9
                                                                     12.2
                                                                           12.2
                                                                                  13.3
   [51733]
                    17.1
                                                                                         13.7
   [51745]
             14.1
                    13.9
                           13.7
                                  13.8
                                         10.2
                                                10.0
                                                       11.7
                                                              12.3
                                                                     12.6
                                                                            12.9
                                                                                   13.0
                                                                                         11.6
   [51757]
             11.6
                    11.4
                           11.3
                                  11.1
                                         10.9
                                                10.8
                                                       10.4
                                                               9.8
                                                                      9.1
                                                                             8.5
                                                                                    8.2
                                                                                          7.9
##
   [51769]
              7.8
                     7.8
                            8.1
                                   8.4
                                          9.2
                                                 9.3
                                                       10.0
                                                              11.0
                                                                     11.4
                                                                            11.9
                                                                                   14.3
                                                                                         14.9
   [51781]
             14.6
                    14.2
                                   8.3
                                          7.5
                                                 6.9
                                                        6.6
                                                               6.3
                                                                      5.9
                                                                             5.6
                                                                                    5.2
                                                                                           4.9
##
                           12.1
                                                                      5.4
                                                                                    6.9
                                                                                           7.6
   [51793]
              4.8
                     4.6
                            4.4
                                   4.2
                                          4.4
                                                 4.2
                                                        4.2
                                                               4.8
                                                                             6.3
                            7.4
                                                 4.9
##
   [51805]
              7.9
                     8.3
                                   5.6
                                          4.9
                                                        4.7
                                                               4.5
                                                                      4.4
                                                                             4.7
                                                                                    4.4
                                                                                           4.4
##
   [51817]
              4.0
                     4.0
                            4.1
                                   3.9
                                          4.5
                                                 4.7
                                                        5.4
                                                               7.4
                                                                      9.0
                                                                            10.3
                                                                                   11.4
                                                                                         12.0
                                                        5.5
                                                               4.6
##
   [51829]
             11.9
                    11.3
                           10.2
                                   7.6
                                          6.5
                                                 6.0
                                                                      3.8
                                                                             3.3
                                                                                    2.8
                                                                                           2.0
   [51841]
              1.5
                     1.6
                            1.8
                                   1.8
                                          1.5
                                                 1.3
                                                        2.8
                                                               5.8
                                                                      8.2
                                                                             9.8
                                                                                  10.9
                                                                                         11.4
                                                               7.4
                                                                             7.5
                                                                                    7.5
   [51853]
             11.6
                    11.3
                           10.0
                                   7.8
                                          7.5
                                                 7.6
                                                        7.1
                                                                      7.7
                                                                                          7.9
##
##
   [51865]
              7.9
                     7.9
                            8.1
                                   8.2
                                          7.7
                                                 8.1
                                                        9.2
                                                              11.0
                                                                     12.2
                                                                            13.4
                                                                                  14.0
                                                                                         14.3
                                                10.9
                                                                     10.1
                                                                            10.0
                                                                                         10.0
##
   [51877]
             14.1
                    13.4
                           12.4
                                  11.8
                                         11.4
                                                       10.7
                                                              10.3
                                                                                   10.1
   [51889]
             10.1
                    10.1
                           10.0
                                  10.1
                                         10.0
                                                10.1
                                                       10.3
                                                              10.1
                                                                     11.0
                                                                            12.8
                                                                                   12.9
                                                                                         12.3
   [51901]
             11.8
                    11.6
                           10.7
                                  10.2
                                         10.0
                                                 9.2
                                                        8.3
                                                               7.2
                                                                      7.6
                                                                             7.9
                                                                                    7.7
                                                                                           7.3
   [51913]
              6.8
                                   4.0
                                          3.5
                                                               4.4
                                                                             6.5
                                                                                    6.9
                                                                                           7.1
##
                     5.7
                            4.7
                                                 2.9
                                                        3.1
                                                                      5.7
   [51925]
              7.1
                     6.9
                            6.3
                                   5.4
                                          5.5
                                                 4.8
                                                        4.6
                                                               4.5
                                                                      4.5
                                                                             4.6
                                                                                    4.8
                                                                                           5.1
   [51937]
                                                 3.5
                                                               5.7
                                                                      7.0
                                                                             7.6
                                                                                    8.2
                                                                                           8.9
##
              5.1
                     5.0
                            5.1
                                   5.2
                                          3.0
                                                        4.0
##
   [51949]
              9.2
                     8.9
                            8.0
                                   6.6
                                          5.9
                                                 5.5
                                                        5.3
                                                               5.7
                                                                      4.6
                                                                             4.1
                                                                                    3.9
                                                                                           4.4
                                          2.4
##
   [51961]
              3.2
                     2.9
                            2.7
                                   2.3
                                                 1.9
                                                        2.9
                                                               5.5
                                                                      7.5
                                                                             9.1
                                                                                   10.3
                                                                                         11.0
   [51973]
             11.4
                    11.4
                           10.6
                                   8.1
                                          6.9
                                                 6.1
                                                        5.4
                                                               4.5
                                                                      4.2
                                                                             3.0
                                                                                    2.1
##
                                                                                           1.7
   [51985]
              1.2
                                   2.5
                                                 2.4
                                                        2.9
                                                                      8.2
                                                                            10.4
                                                                                  11.8
                                                                                         12.7
##
                     1.0
                            1.6
                                          1.8
                                                               5.5
   [51997]
             13.0
                    12.8
                                  10.2
                                                        7.6
                                                                             9.4
                                                                                    9.1
                                                                                           9.5
##
                           11.9
                                          9.1
                                                 8.2
                                                               7.6
                                                                      9.3
##
   [52009]
              9.1
                     7.5
                            6.7
                                   6.2
                                          7.0
                                                 5.4
                                                        5.2
                                                               5.7
                                                                      6.3
                                                                             7.8
                                                                                    7.8
                                                                                           7.1
   [52021]
              8.0
                     8.2
                            7.9
                                   7.4
                                          6.0
                                                 7.3
                                                        5.1
                                                               3.5
                                                                      2.8
                                                                             2.4
                                                                                    1.9
                                                                                           1.3
   [52033]
              0.7
                     0.2
                            0.2
                                   0.8
                                          0.7
                                                 1.3
                                                        1.9
                                                               3.9
                                                                      6.3
                                                                             7.1
                                                                                    7.5
                                                                                           7.8
##
   [52045]
                     7.9
##
              8.1
                            7.0
                                   5.4
                                          5.1
                                                 4.8
                                                        4.6
                                                               4.4
                                                                      5.0
                                                                             6.0
                                                                                    4.3
                                                                                           4.4
   [52057]
              4.2
                     3.6
                            3.0
                                   3.3
                                          2.9
                                                 2.9
                                                        2.5
                                                               5.3
                                                                      7.5
                                                                             8.8
                                                                                    9.8
                                                                                         10.8
##
   [52069]
             11.2
                    10.8
                           10.4
                                   9.7
                                          9.1
                                                 9.4
                                                        6.9
                                                               6.5
                                                                      6.9
                                                                             6.5
                                                                                    6.7
                                                                                           6.9
##
   [52081]
              6.8
                     7.1
                            6.9
                                   7.7
                                          7.9
                                                 6.4
                                                        6.6
                                                               7.4
                                                                      9.0
                                                                             8.9
                                                                                    7.4
                                                                                           6.9
##
   [52093]
              6.6
                     5.3
                            4.2
                                   2.8
                                          1.8
                                                 1.0
                                                        0.2
                                                              -0.7
                                                                     -1.3
                                                                            -1.8
                                                                                   -2.2
                                                                                         -2.5
                                                                                           2.7
##
   [52105]
             -2.9
                    -3.1
                           -3.3
                                  -3.6
                                         -3.1
                                                -3.2
                                                       -2.8
                                                              -1.6
                                                                     -0.4
                                                                             0.8
                                                                                    1.9
                                                       -0.6
                                                              -0.8
                                                                             0.1
   [52117]
                            2.3
                                                -0.5
                                                                     -0.6
                                                                                   -0.1
                                                                                           0.0
##
              3.2
                     3.1
                                   0.5
                                         -0.1
   [52129]
              0.2
                     0.3
                            0.5
                                   1.0
                                          0.4
                                                 0.8
                                                        1.7
                                                               2.8
                                                                      2.8
                                                                             3.4
                                                                                    3.0
                                                                                           3.4
##
                                                 2.3
   [52141]
              3.8
                     3.7
                            3.3
                                          1.7
                                                        2.1
                                                               2.6
                                                                      2.4
                                                                                    2.1
                                                                                           2.5
##
                                   2.1
                                                                             2.0
   [52153]
              2.5
                     2.4
                            2.5
                                   2.2
                                         -1.3
                                                 0.6
                                                        0.8
                                                               1.4
                                                                      2.1
                                                                             3.0
                                                                                    3.9
                                                                                           4.6
   [52165]
              5.2
                     5.4
                            4.9
                                   4.2
                                          4.2
                                                 3.3
                                                        2.6
                                                               2.2
                                                                      1.9
                                                                             1.7
                                                                                    1.8
                                                                                           1.7
##
   [52177]
              1.6
                     1.6
                            1.6
                                   1.6
                                          2.0
                                                 2.0
                                                        2.3
                                                               4.3
                                                                      6.2
                                                                             7.7
                                                                                    9.0
                                                                                           9.8
##
   [52189]
             10.1
                     9.8
                            9.0
                                   7.2
                                          6.4
                                                 5.8
                                                        5.4
                                                               5.2
                                                                      5.0
                                                                             4.6
                                                                                    4.3
                                                                                           4.2
##
   [52201]
                     3.7
                                                        4.9
                                                               6.6
                                                                      8.7
                                                                            10.3
                                                                                         12.1
              4.0
                            3.7
                                   3.8
                                          4.9
                                                 5.0
                                                                                   11.4
   [52213]
             12.0
                    11.3
                            9.9
                                   7.3
                                          6.3
                                                 5.5
                                                        5.1
                                                               4.9
                                                                      4.5
                                                                             4.3
                                                                                    4.2
                                                                                           4.0
##
##
   [52225]
              5.5
                     5.9
                            5.6
                                   5.5
                                          4.2
                                                 4.8
                                                        4.9
                                                               5.9
                                                                      6.8
                                                                             7.5
                                                                                    8.0
                                                                                           8.4
##
   [52237]
              8.2
                     7.9
                            7.5
                                   6.7
                                          6.5
                                                 6.0
                                                        5.5
                                                               5.1
                                                                      4.5
                                                                             4.4
                                                                                    4.3
                                                                                           4.1
   [52249]
                                                                                    7.0
##
              4.1
                     3.7
                            2.9
                                   2.8
                                          2.3
                                                 2.2
                                                        2.3
                                                               3.3
                                                                      4.6
                                                                             5.9
                                                                                           7.6
                            7.7
                                                                      5.3
   [52261]
              8.4
                     8.1
                                   7.0
                                          6.3
                                                 5.4
                                                        5.6
                                                               5.5
                                                                             5.2
                                                                                    5.3
                                                                                           5.3
##
##
   [52273]
              5.2
                     5.0
                            4.9
                                   4.6
                                          3.7
                                                 3.4
                                                        3.3
                                                               3.9
                                                                      5.1
                                                                             6.4
                                                                                    7.6
                                                                                           8.3
   [52285]
                                                                             5.5
                                                                                    5.5
                                                                                           5.5
##
              8.1
                     8.1
                            7.7
                                   7.0
                                          6.1
                                                 6.3
                                                        6.1
                                                               5.9
                                                                      5.6
   [52297]
              5.3
                     5.0
                            4.9
                                   4.8
                                          5.3
                                                 5.2
                                                        5.4
                                                               6.7
                                                                      7.8
                                                                             8.2
                                                                                    8.8
                                                                                           8.9
                            7.5
##
   [52309]
              8.6
                     8.3
                                   5.6
                                          4.8
                                                 4.2
                                                        3.8
                                                               3.5
                                                                      3.2
                                                                             3.0
                                                                                    3.0
                                                                                           2.9
   [52321]
              2.6
                     2.6
                            2.2
                                   1.7
                                          3.5
                                                 3.3
                                                        3.5
                                                               5.3
                                                                      7.7
                                                                             9.3
                                                                                   10.5
##
                                                                                         11.2
   [52333]
             11.7
                     11.5
                           10.5
                                   8.3
                                          7.5
                                                 6.8
                                                        6.6
                                                               6.4
                                                                      6.0
                                                                             5.7
                                                                                    5.5
                                                                                           5.2
   [52345]
              5.0
                     4.7
                            4.6
                                   4.7
                                          5.1
                                                 5.1
                                                        5.8
                                                               7.6
                                                                      9.0
                                                                            10.9
                                                                                   12.0
                                                                                         12.5
##
## [52357]
             12.9
                    12.7
                           11.5
                                   8.7
                                          7.0
                                                 6.3
                                                        5.5
                                                               5.0
                                                                      4.6
                                                                             4.0
                                                                                    4.9
                                                                                           4.5
```

```
## [52369]
              4.0
                     3.8
                            3.9
                                   3.7
                                          4.1
                                                 3.7
                                                        4.1
                                                               6.1
                                                                      7.6
                                                                            8.5
                                                                                   9.0
                                                                                          9.2
   [52381]
                     8.7
                                                               4.9
                                                                                   3.6
                                                                                          4.1
##
              9.1
                            7.9
                                   6.1
                                          5.6
                                                 5.2
                                                        5.0
                                                                      4.3
                                                                            3.8
   [52393]
              3.9
                     3.6
                            3.5
                                   3.3
                                          2.3
                                                 1.8
                                                        2.4
                                                               3.8
                                                                     5.5
                                                                            7.0
                                                                                   8.4
                                                                                          9.5
                                                                     3.6
                                                                                          2.7
   [52405]
             10.0
                     9.6
                            8.8
                                   6.3
                                                 4.1
                                                        3.8
                                                               3.9
                                                                            3.3
                                                                                   2.9
##
                                          5.0
##
   [52417]
              2.8
                     2.7
                            2.2
                                   2.2
                                          2.3
                                                 1.5
                                                        2.5
                                                               6.4
                                                                     8.9
                                                                           11.2
                                                                                  12.4
                                                                                         13.3
   [52429]
             13.7
                    13.6
                           12.6
                                  10.3
                                          9.3
                                                 9.5
                                                        9.5
                                                               9.7
                                                                     9.9
                                                                           10.1
                                                                                   9.5
                                                                                          9.5
##
                            7.9
                                          7.8
                                                 8.5
                                                        8.7
                                                             10.5
                                                                    12.1
                                                                           14.8
                                                                                  16.5
                                                                                         17.2
   [52441]
              7.8
                     8.1
                                   8.4
                    16.2
                                                             10.0
   [52453]
             16.8
                           15.3
                                  12.9
                                         11.9
                                                11.6
                                                      11.0
                                                                     8.8
                                                                            9.0
                                                                                   9.1
                                                                                          8.9
##
   [52465]
              9.0
                     9.0
                            8.7
                                   8.9
                                         10.0
                                                 9.9
                                                       10.0
                                                             11.3
                                                                    13.8
                                                                           15.7
                                                                                  16.6
                                                                                         17.3
                    16.9
                                                                    10.3
##
   [52477]
             17.3
                           15.8
                                  13.0
                                         12.2
                                                10.9
                                                       10.6
                                                             10.4
                                                                           10.0
                                                                                   9.8
                                                                                         10.6
   [52489]
             11.0
                    10.9
                           10.9
                                  10.4
                                          6.5
                                                 6.2
                                                       7.9
                                                             11.8
                                                                    13.0
                                                                           12.8
                                                                                  13.1
                                                                                         15.5
   [52501]
             16.7
                    16.0
                           14.7
                                  12.6
                                         12.6
                                                11.6
                                                             11.2
                                                                    11.0
                                                                           10.8
                                                                                  10.6
                                                                                         10.7
                                                       11.4
##
   [52513]
             10.8
                    10.6
                           10.4
                                  10.5
                                          9.5
                                                 8.9
                                                        9.0
                                                             10.4
                                                                    11.3
                                                                           12.4
                                                                                  12.8
                                                                                         12.6
             12.4
                                                                                   5.5
                                                                                          5.3
##
   [52525]
                    12.4
                           11.6
                                   9.7
                                          8.9
                                                 8.3
                                                        7.6
                                                              7.1
                                                                      6.6
                                                                            5.9
   [52537]
                     5.6
                            5.5
                                   5.2
                                                 6.0
                                                        6.5
                                                               7.7
                                                                     8.5
                                                                            9.4
                                                                                   9.9
                                                                                         10.1
##
              5.1
                                          5.6
   [52549]
             10.2
                    10.0
                            9.8
                                   7.8
                                          7.0
                                                 6.5
                                                        6.2
                                                               5.7
                                                                     5.7
                                                                            5.5
                                                                                   5.3
                                                                                          5.1
   [52561]
                     5.0
                            4.8
                                                 6.5
                                                               7.7
                                                                     8.3
                                                                                   8.9
                                                                                          9.2
##
              5.1
                                   4.9
                                          6.5
                                                        6.7
                                                                            8.7
   [52573]
              9.1
                     8.8
                            8.3
                                   7.1
                                          6.3
                                                 6.1
                                                        5.7
                                                               5.2
                                                                      4.8
                                                                            4.1
                                                                                   3.7
                                                                                          3.7
   [52585]
                            3.5
                                                               3.3
                                                                      4.7
                                                                                          7.1
##
              3.5
                     3.4
                                   3.5
                                          2.9
                                                 2.2
                                                        2.0
                                                                            6.1
                                                                                   6.9
##
   [52597]
              7.1
                     6.8
                            6.2
                                   5.0
                                          4.6
                                                 4.6
                                                        4.5
                                                               4.4
                                                                      4.2
                                                                            4.3
                                                                                   4.4
                                                                                          4.4
##
   [52609]
              4.3
                     4.2
                            4.1
                                   4.1
                                          4.2
                                                 4.2
                                                        4.4
                                                               5.2
                                                                     6.0
                                                                            6.1
                                                                                   6.3
                                                                                          6.2
   [52621]
              7.7
                     7.6
                            7.4
                                   7.1
                                          7.0
                                                 6.8
                                                        6.8
                                                               7.0
                                                                      7.1
                                                                            6.6
                                                                                   6.5
                                                                                          6.5
##
   [52633]
                                                 6.8
                                                        6.9
                                                               7.5
                                                                     8.8
                                                                            9.1
                                                                                          8.4
##
              6.6
                     6.5
                            6.5
                                   6.6
                                          6.7
                                                                                   8.8
   [52645]
              9.0
                     9.0
                                                               7.9
                                                                     7.9
                                                                            7.8
                                                                                   7.7
                                                                                          7.6
##
                            8.9
                                   8.3
                                          8.2
                                                 8.2
                                                        8.0
              7.5
                     7.4
                                                                                         12.5
##
   [52657]
                            7.3
                                   7.2
                                          7.1
                                                 6.8
                                                        6.8
                                                               7.9
                                                                      9.5
                                                                           10.8
                                                                                  11.8
   [52669]
             12.2
                    12.2
                           11.7
                                   9.2
                                          8.1
                                                 7.5
                                                        7.1
                                                               6.7
                                                                      6.2
                                                                            7.2
                                                                                   7.4
                                                                                          7.4
   [52681]
              7.4
                     7.3
                            6.1
                                   5.4
                                          5.4
                                                 5.1
                                                        5.2
                                                               7.6
                                                                      9.4
                                                                           10.6
                                                                                  11.6
                                                                                         12.1
##
   [52693]
             10.9
                    10.7
                                                                      5.6
##
                            9.8
                                   7.8
                                          7.0
                                                 6.6
                                                        6.2
                                                               5.9
                                                                            5.2
                                                                                   4.9
                                                                                          4.7
   [52705]
              4.8
                     4.5
                            4.5
                                   4.0
                                          4.2
                                                 4.3
                                                        4.6
                                                               6.2
                                                                     8.9
                                                                           11.3
                                                                                  12.4
                                                                                         12.9
##
   [52717]
             13.5
                    13.5
                           12.6
                                  10.1
                                          9.4
                                                 9.5
                                                        9.3
                                                               9.2
                                                                     8.8
                                                                            8.3
                                                                                   7.8
                                                                                          7.2
              7.5
                                                                                  15.0
##
   [52729]
                     7.5
                            7.1
                                   6.6
                                          6.5
                                                 7.1
                                                        7.8
                                                              9.5
                                                                    11.7
                                                                           13.6
                                                                                         15.4
##
   [52741]
             16.8
                    16.6
                           16.1
                                  14.1
                                         13.5
                                                12.7
                                                       11.9
                                                             11.8
                                                                    11.5
                                                                           11.3
                                                                                  11.0
                                                                                         11.0
   [52753]
             10.9
                    10.9
                           10.4
                                   9.9
                                          9.2
                                                 8.9
                                                        8.9
                                                             11.0
                                                                    13.5
                                                                           14.7
                                                                                  15.4
                                                                                         15.9
   [52765]
                    15.4
                                          9.7
                                                 8.8
                                                              7.6
                                                                     7.2
                                                                            6.7
                                                                                   6.3
                                                                                          5.9
             15.8
                           14.4
                                  11.7
                                                        8.1
##
   [52777]
              5.5
                     5.1
                            5.3
                                   5.4
                                          5.2
                                                 5.0
                                                        4.9
                                                               5.8
                                                                      6.9
                                                                            7.7
                                                                                   8.7
                                                                                          9.5
##
                                                        6.9
   [52789]
             10.1
                    10.0
                            9.4
                                   8.0
                                          7.4
                                                 7.2
                                                              7.0
                                                                     6.5
                                                                            6.3
                                                                                   6.0
                                                                                          5.8
##
   [52801]
              5.6
                     5.2
                            4.7
                                   4.3
                                          4.0
                                                 3.6
                                                        3.5
                                                               5.3
                                                                     7.1
                                                                            8.7
                                                                                  10.2
                                                                                         10.9
   [52813]
             11.4
                    11.3
                           10.8
                                   8.4
                                          7.2
                                                 6.7
                                                        6.0
                                                               5.7
                                                                     5.3
                                                                            5.0
                                                                                   5.0
                                                                                          5.4
##
   [52825]
              5.2
                     5.0
                            5.0
                                   4.6
                                          4.5
                                                 4.6
                                                        4.9
                                                              7.3
                                                                    10.3
                                                                           12.8
                                                                                  14.2
                                                                                         14.8
##
   [52837]
             15.0
                    14.7
                           14.0
                                  11.9
                                         10.3
                                                 9.7
                                                             10.1
                                                                     8.6
                                                                            9.6
                                                                                   8.1
                                                                                          8.1
##
                                                        9.3
   [52849]
                     9.9
                           10.1
                                          8.3
                                                 7.1
                                                               8.6
                                                                    11.3
                                                                           11.8
                                                                                  12.3
                                                                                         12.7
              9.2
                                   9.5
                                                        6.7
   [52861]
             14.5
                    13.7
                           12.8
                                  10.3
                                          8.6
                                                 8.1
                                                        7.9
                                                              8.3
                                                                     7.9
                                                                            7.7
                                                                                   7.8
                                                                                          7.6
##
   [52873]
##
              7.0
                     6.5
                            6.5
                                   5.9
                                          5.9
                                                 6.0
                                                        6.4
                                                              8.6
                                                                    11.4
                                                                           13.8
                                                                                  14.1
                                                                                         14.3
   [52885]
                                                       10.5
                                                             10.3
                                                                    10.1
                                                                                   9.7
##
             13.4
                    13.0
                           12.7
                                  11.7
                                         11.1
                                                10.7
                                                                            9.9
                                                                                          9.5
   [52897]
                                                                                  12.4
              9.1
                     9.0
                            8.9
                                   8.0
                                          6.0
                                                 5.0
                                                        6.4
                                                               7.9
                                                                     9.7
                                                                           11.2
                                                                                         12.8
                           12.8
                                                                     7.7
                                                                            7.4
                                                                                   7.3
   [52909]
             14.4
                    14.0
                                   9.9
                                          8.0
                                                 8.5
                                                        8.4
                                                               8.0
                                                                                          7.4
##
##
   [52921]
              7.2
                     7.1
                            6.3
                                   5.1
                                          4.9
                                                 5.3
                                                        5.8
                                                               8.4
                                                                    11.3
                                                                           13.2
                                                                                  14.4
                                                                                         15.7
   [52933]
                                  10.8
                                                        9.7
                                                               9.1
                                                                            9.5
                                                                                   9.5
                                                                                          9.7
##
             13.4
                    13.7
                           13.1
                                          8.9
                                                 9.8
                                                                     9.4
   [52945]
             10.0
                     9.7
                            9.6
                                   9.4
                                          9.4
                                                 9.4
                                                        9.7
                                                             11.3
                                                                    13.5
                                                                           15.0
                                                                                  15.7
                                                                                         15.9
   [52957]
             16.1
                    15.9
                           15.7
                                  14.4
                                         13.4
                                                13.0
                                                       12.9
                                                             13.0
                                                                    12.9
                                                                           12.8
                                                                                  12.8
                                                                                         12.8
   [52969]
             12.8
                    12.6
                           12.7
                                  12.8
                                         12.9
                                                12.8
                                                      12.3
                                                             12.4
                                                                    12.6
                                                                           12.5
                                                                                  13.7
##
                                                                                         13.9
   [52981]
             15.1
                    15.1
                           15.1
                                  14.0
                                         13.3
                                                13.3
                                                      13.0
                                                             12.7
                                                                    12.8
                                                                           12.8
                                                                                  12.6
                                                                                         11.4
                                                      10.1
   [52993]
                    10.9
                           10.6
                                  10.5
                                         10.3
                                               10.1
                                                             10.5
                                                                    11.1
                                                                           12.0
                                                                                  13.1
                                                                                         13.9
             11.1
## [53005]
             16.6
                    16.0 15.1 13.2
                                        11.7
                                               10.9
                                                      10.4 10.0
                                                                     9.5
                                                                            9.1
                                                                                   9.5
                                                                                          9.9
```

```
## [53017]
              9.8
                     9.9
                           9.8 10.1
                                       10.1
                                              10.7 11.3 12.9 14.0 14.8 15.8
                                                                                      13.6
   [53029]
             16.9
                   16.7
                                 14.8
                                       13.9
                                              13.5
                                                     13.4
                                                           13.4
                                                                  13.8
                                                                         13.8
                                                                               13.7
                          16.1
                                                           15.1
                                                                  16.2
   [53041]
             13.1
                   13.4
                          13.3
                                 13.7
                                       13.9
                                              13.8
                                                     13.9
                                                                         16.9
                                                                               17.9
   [53053]
             17.5
                   17.1
                          16.4
                                 15.1
                                       13.2
                                              12.3
                                                     11.7
                                                           11.1
                                                                  10.9
                                                                         11.0
                                                                               10.9
                                                                                      10.5
##
   [53065]
             10.3
                   10.5
                          10.7
                                 11.0
                                       11.7
                                              11.7
                                                     11.8
                                                           13.4
                                                                  14.9
                                                                         15.8
                                                                               16.5
                                                                                      17.0
   [53077]
             17.7
                   17.5
                          16.9
                                 15.4
                                       14.3
                                              13.8
                                                    13.5
                                                           13.4
                                                                  13.2
                                                                         13.1
                                                                               13.0
                                                                                      12.8
##
   [53089]
                                 12.4
                                       12.4
                                              12.5
                                                     13.4
                                                           14.3
                                                                  14.9
             12.8
                   12.7
                          12.4
                                                                         15.1
                                                                               15.1
                   16.1
                                 14.5
                                       14.1
                                              14.2
                                                     14.0
                                                           13.6
                                                                  13.7
                                                                         12.4
   [53101]
             16.4
                          15.3
                                                                               11.8
                                                                                      11.3
                                              10.0
                                                                         14.5
##
   [53113]
             11.1
                   10.8
                          10.5
                                 10.3
                                       10.2
                                                     10.7
                                                           12.3
                                                                  13.5
                                                                               14.8
                                                                                      14.9
                                                                               10.3
                   14.3
                                              10.8 10.4
                                                           10.1
                                                                                       8.8
##
   [53125]
             14.6
                          13.8
                                 12.6
                                       11.3
                                                                   9.6
                                                                          9.2
   [53137]
             10.1
                     8.7
                           8.5
                                  8.3
                                         9.4
                                              10.1
                                                     10.1
                                                           11.9
                                                                  13.1
                                                                         14.3
                                                                               15.0
                                                                                      15.2
   [53149]
             15.6
                   15.4
                          14.5
                                 12.8
                                       10.7
                                              10.0
                                                     11.6
                                                           11.7
                                                                  11.4
                                                                          9.6
                                                                               10.3
                                                                                      10.1
##
   [53161]
              9.9
                     9.6
                           9.5
                                  8.5
                                         8.1
                                               7.9
                                                      8.7
                                                            10.6
                                                                  12.2
                                                                         13.7
                                                                                14.7
                                                                                      15.3
   [53173]
             15.9
                   15.0
                                              11.3
                                                            10.0
                                                                   8.9
                                                                          9.2
                                                                                 9.3
                                                                                       9.6
##
                          14.9
                                 13.5
                                        11.3
                                                     11.1
   [53185]
             10.2
                   10.6
                           9.5
                                  9.2
                                         9.5
                                              11.0
                                                     12.4
                                                           12.9
                                                                  12.9
                                                                         12.3
                                                                               12.4
                                                                                      12.8
   [53197]
             15.3
                   14.2
                          14.4
                                 13.4
                                       12.7
                                              12.6
                                                     12.4
                                                            12.1
                                                                  12.0
                                                                         11.3
                                                                                11.4
                                                                                      11.5
   [53209]
                          10.3
                                 10.5
                                         9.4
                                               9.3
                                                      9.4
                                                             9.3
                                                                   9.6
                                                                          8.6
                                                                                 6.6
                                                                                       6.3
##
             11.6
                   11.3
   [53221]
              1.0
                    0.6
                           0.3
                                 -0.5
                                        -0.6
                                              -1.0
                                                     -1.5
                                                           -2.6
                                                                  -3.1
                                                                         -3.4
                                                                               -3.6
                                                                                      -4.0
                          -4.9
                                                                                      -0.9
   [53233]
             -4.4
                   -4.7
                                       -5.5
                                              -5.1
                                                     -5.2
                                                           -4.9
                                                                  -4.3
                                                                         -3.2
                                                                                -1.4
                                 -5.3
   [53245]
             -0.9
                   -0.2
                           0.3
                                 -0.1
                                        -0.7
                                              -0.4
                                                      0.0
                                                             0.2
                                                                   0.4
                                                                          0.9
                                                                                -0.6
                                                                                      -1.0
##
   [53257]
             -1.2
                   -1.5
                          -1.4
                                 -1.6
                                        -1.5
                                              -0.9
                                                      0.6
                                                             2.7
                                                                   4.5
                                                                          7.7
                                                                                 8.9
                                                                                       7.7
   [53269]
              9.1
                     8.2
                           6.8
                                  5.8
                                         5.7
                                               5.8
                                                      6.1
                                                             6.7
                                                                   7.1
                                                                          7.9
                                                                                 8.5
                                                                                      10.3
                                                                   8.0
   [53281]
                           8.9
                                  8.8
                                         9.4
                                               9.2
                                                      9.6
                                                             8.2
                                                                          9.2
                                                                                 9.5
                                                                                      10.5
##
              9.6
                     9.5
   [53293]
              8.8
                     9.2
                                               8.5
                                                      8.2
                                                             8.0
                                                                   7.4
                                                                          7.0
                                                                                 5.5
                                                                                        3.9
##
                           9.6
                                  9.7
                                         8.6
              2.6
                     1.5
                                                                                 7.2
                                                                                       7.4
##
   [53305]
                           0.9
                                  0.5
                                         1.1
                                               3.2
                                                      3.1
                                                             4.3
                                                                   5.8
                                                                          6.9
   [53317]
              5.6
                     5.4
                           4.7
                                  3.7
                                         2.8
                                               2.6
                                                      2.4
                                                             2.0
                                                                   1.7
                                                                          1.5
                                                                                 1.5
                                                                                        1.4
   [53329]
              1.6
                     1.7
                           1.7
                                  1.7
                                         1.8
                                               2.0
                                                      2.5
                                                             3.5
                                                                   3.8
                                                                          4.4
                                                                                 4.5
                                                                                        5.5
##
   [53341]
              6.0
##
                     5.8
                           5.2
                                  4.2
                                         3.1
                                               2.7
                                                      2.4
                                                             2.2
                                                                   2.0
                                                                          1.9
                                                                                 1.8
                                                                                        1.8
   [53353]
              1.8
                     1.8
                           1.9
                                  2.6
                                         2.4
                                               2.7
                                                             3.6
                                                                   3.9
                                                                          4.5
                                                                                 5.1
                                                                                        5.3
##
                                                      3.1
   [53365]
              6.5
                     6.2
                           5.7
                                  4.8
                                         3.9
                                               3.5
                                                      3.0
                                                             2.8
                                                                   2.8
                                                                          2.9
                                                                                 2.8
                                                                                        2.7
##
   [53377]
              2.6
                     2.5
                           2.4
                                  2.4
                                         2.5
                                               2.6
                                                      3.0
                                                             3.7
                                                                   4.8
                                                                          5.6
                                                                                 6.0
                                                                                        6.9
##
   [53389]
              9.1
                     8.9
                           8.5
                                  7.2
                                         5.9
                                               5.6
                                                      5.0
                                                             4.5
                                                                   4.1
                                                                          4.1
                                                                                 4.6
                                                                                        4.4
##
   [53401]
              4.4
                     4.3
                           4.3
                                  4.2
                                         4.1
                                               4.1
                                                      4.3
                                                             5.1
                                                                   6.0
                                                                          6.9
                                                                                 7.6
                                                                                        8.1
                                                      4.2
   [53413]
              7.8
                     7.3
                           6.4
                                                             4.2
                                                                   4.2
                                                                          4.3
                                                                                       3.9
##
                                  5.2
                                         4.5
                                               4.3
                                                                                 4.1
   [53425]
              3.7
                     3.6
                           3.5
                                  3.5
                                         3.4
                                               3.3
                                                      3.6
                                                             4.2
                                                                   4.7
                                                                          5.2
                                                                                 5.6
                                                                                        5.7
                                                                          3.0
   [53437]
              6.5
                     6.2
                           5.7
                                         3.4
                                               3.0
                                                      4.0
                                                             3.8
                                                                   3.4
                                                                                 2.9
                                                                                       3.0
##
                                  4.7
   [53449]
              3.0
                     2.9
                           2.8
                                  2.6
                                         2.6
                                               2.5
                                                      2.6
                                                             3.2
                                                                   3.7
                                                                          4.5
                                                                                 5.2
                                                                                        6.2
   [53461]
              6.6
                     6.6
                           6.4
                                  5.6
                                         4.0
                                               3.6
                                                      3.3
                                                             2.9
                                                                   2.4
                                                                          2.0
                                                                                 1.7
                                                                                        1.4
##
   [53473]
              1.8
                     2.6
                           2.4
                                  2.2
                                         2.0
                                               1.8
                                                      2.2
                                                             3.8
                                                                   5.1
                                                                          6.5
                                                                                 8.1
                                                                                        9.3
##
                                                                          3.7
   [53485]
             10.8
                   10.9
                          10.4
                                                      5.3
                                                             4.8
                                                                   4.0
                                                                                 3.3
                                                                                       2.7
##
                                  9.1
                                         7.1
                                               6.1
   [53497]
                     2.7
                           2.7
                                                      2.9
                                                             4.8
                                                                   6.9
                                                                          8.7
                                                                               10.8
                                                                                      12.3
              3.0
                                  2.4
                                         2.3
                                               2.6
   [53509]
             14.0
                   13.9
                          13.4
                                 11.8
                                         9.5
                                               8.6
                                                      8.1
                                                             7.9
                                                                   7.5
                                                                          7.1
                                                                                 6.7
                                                                                       6.5
   [53521]
                                  7.5
                                                     10.3
                                                           12.3
##
              6.2
                     6.1
                           6.0
                                         8.0
                                               8.7
                                                                  13.8
                                                                         15.0
                                                                               15.8
                                                                                      16.2
             16.5
                                              12.6
                                                                               11.6
##
   [53533]
                   16.3
                          15.9
                                 14.7
                                        13.1
                                                     12.1
                                                            11.9
                                                                  11.7
                                                                         12.0
                                                                                      11.4
   [53545]
                                                           13.7
                                                                  14.9
                                                                         14.9
             11.9
                   11.3
                          12.0
                                 12.1
                                       12.1
                                              12.1
                                                     12.6
                                                                               16.2
                                                           12.8
   [53557]
             14.7
                   14.7
                          14.8
                                 14.2
                                       13.5
                                              12.8
                                                     12.7
                                                                  13.1
                                                                         13.2
                                                                               13.1
                                                                                      12.9
##
   [53569]
             12.9
                   12.1
                          11.6
                                 11.3
                                       10.9
                                              10.7
                                                     12.0
                                                           13.9
                                                                  15.0
                                                                         15.6
                                                                               16.0
                                                                                      16.5
   [53581]
                   16.8
                          16.0
                                              11.2
                                                     10.8
                                                           10.3
                                                                   9.7
                                                                                 9.0
                                                                                       9.1
             17.1
                                 14.5
                                       11.9
                                                                          9.1
   [53593]
              9.1
                    9.1
                           9.4
                                  9.8
                                        9.5
                                               9.3
                                                      9.9
                                                           12.6
                                                                  14.8
                                                                         16.0
                                                                               16.7
                                                                                      17.3
   [53605]
             18.4
                   18.3
                          17.9
                                 16.8
                                       13.9
                                              12.9
                                                     12.3
                                                           12.2
                                                                  11.9
                                                                         11.5
                                                                               11.2
                                                                                      10.9
   [53617]
             11.0
                   10.9
                          10.3
                                  9.7
                                        9.3
                                               8.8
                                                      9.4
                                                           11.5
                                                                  13.9
                                                                         16.5
                                                                               17.9
##
                                                                                      18.2
   [53629]
             18.5
                   18.3
                          18.0
                                 16.9
                                       14.5
                                              13.6
                                                    12.7
                                                           12.9
                                                                  12.3
                                                                         12.1
                                                                               12.1
                                                                                      11.9
   [53641]
                   11.6
                          11.5
                                 11.4
                                       11.0
                                              11.9
                                                     12.4
                                                           13.8
                                                                  14.0
                                                                         14.1
                                                                               13.9
                                                                                      14.2
             11.6
## [53653]
             15.9
                   15.0 14.8 13.9
                                       13.2
                                              12.6
                                                    11.9
                                                           11.4
                                                                   9.7
                                                                          9.1
                                                                                 9.0
                                                                                       8.9
```

```
[53665]
              8.5
                     8.4
                            8.3
                                  8.1
                                         7.9
                                                7.9
                                                      9.6 11.9
                                                                   13.4 14.5
                                                                                15.3
                                                                                       15.8
   [53677]
             15.5
                                 14.1
                                               11.0
                                                      10.6
                                                            10.2
                                                                    9.8
                                                                           9.3
                                                                                  9.1
                                                                                         9.0
##
                    15.5
                           15.1
                                        11.8
                                                                                        15.3
   [53689]
              8.4
                     8.7
                            8.7
                                  8.8
                                         8.9
                                                8.7
                                                       8.1
                                                             10.3
                                                                   12.2
                                                                          13.6
                                                                                 14.5
                                                                                         5.3
   [53701]
             14.8
                    14.6
                           13.4
                                 11.9
                                         9.8
                                                9.0
                                                       8.0
                                                              7.2
                                                                    6.5
                                                                           6.0
                                                                                  5.6
##
   [53713]
              5.1
                     5.0
                            4.9
                                  4.5
                                         4.0
                                                4.2
                                                       5.9
                                                              8.6
                                                                   11.3
                                                                          13.2
                                                                                 14.5
                                                                                        15.4
   [53725]
             16.3
                    16.0
                           15.3
                                 13.9
                                        11.6
                                               10.5
                                                       9.6
                                                              9.0
                                                                    8.4
                                                                           8.1
                                                                                  7.9
                                                                                         7.8
##
   [53737]
                     7.4
                                         7.3
                                                       8.3
                                                            11.7
                                                                   14.7
                                                                          16.6
                                                                                 17.6
              7.6
                            7.5
                                  7.4
                                                7.1
                                                                                       18.1
   [53749]
                                               12.3
                                                            10.4
                                                                   10.1
             18.4
                    18.1
                           17.3
                                 16.0
                                        13.5
                                                      11.3
                                                                           9.8
                                                                                  9.4
                                                                                         9.1
##
   [53761]
              8.8
                     8.3
                            7.9
                                  7.5
                                         7.0
                                                6.8
                                                       8.9
                                                            12.1
                                                                   14.9
                                                                          16.8
                                                                                 17.7
                                                                                       17.8
             19.3
                                                                                       10.8
##
   [53773]
                    18.5
                           17.2
                                 14.9
                                        12.8
                                               12.2
                                                      11.8
                                                            11.5
                                                                   11.2
                                                                          11.0
                                                                                 10.8
   [53785]
             10.0
                     9.5
                            9.2
                                  8.9
                                         8.7
                                                8.5
                                                       9.1
                                                            11.6
                                                                   13.6
                                                                          15.4
                                                                                 16.6
                                                                                       16.7
   [53797]
             19.4
                    18.8
                           17.5
                                 15.5
                                        12.8
                                               12.8
                                                      11.8
                                                            11.4
                                                                   11.1
                                                                          10.9
                                                                                 10.9
                                                                                       10.7
##
##
   [53809]
             10.5
                    10.0
                            9.6
                                  9.3
                                         9.1
                                                8.9
                                                      11.0
                                                            13.6
                                                                   15.7
                                                                          17.5
                                                                                 18.7
                                                                                       19.4
                                 17.5
   [53821]
             19.4
                    19.2
                                        15.5
                                               14.5
                                                            12.4
                                                                   11.6
                                                                          11.4
                                                                                 11.2
##
                           18.6
                                                      13.9
                                                                                       11.2
   [53833]
             10.9
                    10.9
                           11.4
                                 11.3
                                        10.9
                                                9.9
                                                      11.1
                                                            13.3
                                                                   15.3
                                                                          16.7
                                                                                 18.4
                                                                                       19.3
   [53845]
             17.2
                    18.2
                           17.3
                                 15.9
                                        13.9
                                               13.2
                                                      12.9
                                                             12.4
                                                                   12.1
                                                                          11.7
                                                                                 11.2
                                                                                        10.8
   [53857]
             10.5
                    10.4
                           10.0
                                  9.5
                                         8.8
                                                8.0
                                                      10.5
                                                             13.4
                                                                   15.0
                                                                          16.0
                                                                                 17.0
                                                                                       18.0
##
   [53869]
             17.2
                    17.2
                           16.5
                                 14.5
                                        10.9
                                                9.2
                                                       8.9
                                                              8.3
                                                                    7.7
                                                                           7.1
                                                                                  6.6
                                                                                         5.9
   [53881]
                                         5.2
                                                              8.7
                                                                   10.5
                                                                          12.2
                                                                                 13.1
                                                                                       13.6
              5.5
                     5.1
                            5.3
                                  5.1
                                                5.2
                                                       6.0
                                                                           7.5
##
   [53893]
             10.6
                    10.0
                           10.1
                                  8.5
                                         7.9
                                                8.0
                                                       8.2
                                                              8.2
                                                                    7.8
                                                                                  7.2
                                                                                         6.8
                                                                                        10.5
##
   [53905]
              6.7
                     6.7
                            7.0
                                  7.1
                                         7.0
                                                6.9
                                                       7.7
                                                              8.1
                                                                    9.6
                                                                          10.1
                                                                                 10.6
   [53917]
              9.9
                     9.2
                            8.9
                                  8.1
                                         7.6
                                                7.2
                                                       6.7
                                                                    5.8
                                                                           4.8
                                                                                  4.8
                                                                                         4.1
##
                                                              6.1
                                                                           7.6
   [53929]
              3.2
                     3.2
                            3.4
                                  3.9
                                                3.6
                                                       4.7
                                                                    7.3
                                                                                  8.9
                                                                                         9.1
##
                                         4.1
                                                              6.0
   [53941]
             10.7
                    11.0
                           10.8
                                 10.0
                                                7.5
                                                              4.9
                                                                           3.5
                                                                                  2.9
                                                                                         2.3
##
                                         8.6
                                                       6.0
                                                                    4.0
              1.9
                                                                           8.9
                                                                                 10.2
##
   [53953]
                     1.8
                            1.8
                                   1.5
                                         1.0
                                                0.7
                                                       3.5
                                                              5.8
                                                                    7.4
                                                                                       11.3
   [53965]
             11.1
                    11.4
                           11.2
                                 10.3
                                         8.1
                                                7.2
                                                       6.1
                                                              5.3
                                                                    4.6
                                                                           4.2
                                                                                  3.9
                                                                                         3.6
   [53977]
              3.6
                     3.6
                            3.6
                                  3.6
                                         3.4
                                                3.4
                                                       5.4
                                                              8.5
                                                                   10.0
                                                                          11.5
                                                                                 12.7
                                                                                        13.3
##
   [53989]
                                                       7.3
##
             13.3
                    13.1
                           12.4
                                 11.3
                                         9.6
                                                8.4
                                                              6.6
                                                                    5.9
                                                                           5.6
                                                                                  5.4
                                                                                         5.6
   [54001]
              5.7
                     5.6
                            5.3
                                  5.4
                                         5.2
                                                5.3
                                                       7.3
                                                             10.3
                                                                   12.6
                                                                          13.9
                                                                                 14.6
                                                                                        15.4
##
   [54013]
             15.6
                    15.7
                           15.6
                                 15.0
                                        13.3
                                               11.0
                                                      10.6
                                                             10.8
                                                                   10.1
                                                                           9.4
                                                                                  9.2
                                                                                         9.8
##
   [54025]
             10.6
                    10.3
                           10.1
                                 10.0
                                         9.6
                                               10.0
                                                      12.3
                                                            13.2
                                                                   13.9
                                                                          14.3
                                                                                 14.6
                                                                                        14.5
##
   [54037]
             10.6
                    12.9
                           12.3
                                 11.9
                                        11.3
                                               10.8
                                                      10.8
                                                            10.2
                                                                   10.3
                                                                          10.0
                                                                                  9.7
                                                                                         9.5
                                                                                        13.5
   [54049]
              9.3
                     8.7
                            8.7
                                  8.6
                                         8.0
                                                8.4
                                                      10.2
                                                            13.0
                                                                   15.2
                                                                          16.6
                                                                                 15.5
   [54061]
                    13.8
                           13.3
                                 12.8
                                               10.6
                                                      10.0
                                                              9.6
                                                                    9.2
                                                                           9.1
                                                                                  9.2
                                                                                         9.0
             12.8
                                        11.6
   [54073]
              8.2
                     8.1
                            8.2
                                  7.5
                                         7.7
                                                8.0
                                                      10.8
                                                            13.9
                                                                   14.3
                                                                          12.6
                                                                                 12.9
                                                                                        12.9
   [54085]
             15.9
                    15.5
                           14.6
                                 13.9
                                        13.4
                                               12.1
                                                     11.5
                                                            11.7
                                                                   11.5
                                                                          11.3
                                                                                 11.1
##
                                                                                       10.7
   [54097]
             10.6
                    10.4
                           10.1
                                  9.9
                                         9.8
                                                9.9
                                                      11.2
                                                            11.8
                                                                   13.2
                                                                          13.8
                                                                                 13.4
   [54109]
             15.2
                    15.6
                           15.4
                                 14.7
                                        12.5
                                               10.8
                                                      10.6
                                                            10.5
                                                                   10.5
                                                                          10.9
                                                                                 11.5
                                                                                       11.9
   [54121]
             11.9
                    11.8
                           11.7
                                 11.3
                                        11.6
                                               10.9
                                                      12.0
                                                            12.7
                                                                   13.0
                                                                          13.2
                                                                                 12.1
                                                                                       11.9
##
                                                            10.5
   [54133]
             13.9
                    13.9
                           13.0
                                 11.8
                                        10.6
                                               10.3
                                                      10.4
                                                                    9.7
                                                                          10.1
                                                                                  8.4
                                                                                         7.8
##
   [54145]
                     7.9
                            7.8
                                         7.3
                                                7.8
                                                      10.6
                                                            12.9
                                                                   13.7
                                                                          14.6
                                                                                 15.0
                                                                                       14.0
              7.9
                                  7.4
   [54157]
             15.5
                    14.5
                           15.1
                                 14.5
                                        13.3
                                               10.7
                                                      10.9
                                                            10.9
                                                                   10.3
                                                                          10.3
                                                                                  8.7
                                                                                         8.2
   [54169]
                                  7.4
                                         7.3
                                                                   13.4
##
              8.0
                     7.6
                            7.5
                                                7.5
                                                      10.0
                                                             12.2
                                                                          14.1
                                                                                 15.2
                                                                                       15.7
                    14.6
                                                                                  6.9
                                                                                         6.9
##
   [54181]
             14.7
                           13.8
                                 12.6
                                        11.1
                                               10.1
                                                       9.3
                                                              8.4
                                                                    7.5
                                                                           6.9
   [54193]
                                                                                 10.3
              6.9
                     6.7
                            7.0
                                  7.2
                                         7.1
                                                7.1
                                                       8.0
                                                              8.7
                                                                    9.6
                                                                           9.1
                                                                                       11.6
                                                7.5
                                                                                         5.3
   [54205]
             12.5
                    11.4
                           11.2
                                 10.6
                                         8.8
                                                       6.9
                                                              6.4
                                                                    6.0
                                                                           5.7
                                                                                  5.3
##
   [54217]
              5.3
                     5.4
                            5.4
                                  5.2
                                         5.0
                                                4.8
                                                       5.0
                                                              5.1
                                                                    5.1
                                                                           5.6
                                                                                  6.1
                                                                                         6.5
   [54229]
              8.7
                                  7.8
                                         6.5
                                                                                  4.3
                                                                                         4.2
##
                     8.1
                            8.3
                                                5.6
                                                       5.1
                                                              4.7
                                                                    4.4
                                                                           4.4
   [54241]
              4.1
                     4.0
                            3.9
                                   3.8
                                         3.6
                                                2.8
                                                       3.2
                                                              3.8
                                                                    4.8
                                                                           5.2
                                                                                  5.1
                                                                                         5.2
                     7.6
                                                                    2.1
   [54253]
              7.8
                            6.9
                                   5.3
                                         4.1
                                                3.2
                                                       2.1
                                                              1.8
                                                                           2.1
                                                                                  2.0
                                                                                         2.0
   [54265]
                     2.3
                            2.9
                                         3.2
                                                3.5
                                                              4.6
                                                                           4.2
                                                                                  4.8
                                                                                         5.4
##
              2.1
                                  3.1
                                                       4.3
                                                                    4.1
## [54277]
              5.8
                     6.5
                            7.1
                                  8.1
                                         7.5
                                                5.6
                                                       6.3
                                                              6.5
                                                                    5.6
                                                                           4.7
                                                                                  5.2
                                                                                         4.5
## [54289]
              4.2
                     4.5
                            3.8
                                  2.4
                                         2.5
                                                3.0
                                                       5.9
                                                              8.1
                                                                   10.2
                                                                          11.9
                                                                                 13.0
                                                                                        13.8
## [54301]
             15.0
                    15.4
                           14.8
                                 11.5
                                         9.3
                                                7.2
                                                       6.3
                                                              5.7
                                                                    4.6
                                                                           3.7
                                                                                  3.5
                                                                                         3.5
```

```
## [54313]
             3.1
                    2.8
                          2.7
                                 2.2
                                       1.6
                                              2.4
                                                    5.4
                                                           7.8
                                                                 9.9 11.3 12.1
   [54325]
            14.0
                   12.5
                         11.6
                                10.7
                                              7.5
                                                                 4.4
                                                                        4.2
                                                                              3.9
                                                                                     3.5
                                       9.1
                                                    6.3
                                                           5.1
   [54337]
             3.2
                    3.2
                          3.2
                                 2.9
                                       2.7
                                              3.3
                                                    6.6
                                                           9.6
                                                                11.7
                                                                       13.2
                                                                             14.2
                                                                                   14.8
                                                                              7.2
                                                                                     6.9
   [54349]
            15.4
                   15.4
                         15.1
                                14.4
                                      12.5
                                             11.0
                                                    9.9
                                                           8.9
                                                                 8.1
                                                                        7.6
   [54361]
             6.6
                    6.5
                          6.5
                                 6.2
                                       5.8
                                              6.3
                                                    9.1
                                                          12.8
                                                                14.8
                                                                       16.3
                                                                             17.3
                                                                                    17.7
   [54373]
            16.5
                   16.0
                         15.4
                                14.4
                                      12.0
                                              9.9
                                                    9.2
                                                           8.6
                                                                 8.2
                                                                        7.8
                                                                              7.8
                                                                                     9.1
##
   [54385]
                    8.6
                          9.6
                                 9.9
                                      10.0
                                            10.3
                                                   12.5
                                                         13.8
                                                                14.7
                                                                       15.6
                                                                             16.1
             9.1
                                                                                   15.2
   [54397]
                   14.2
                                      12.5
                                            11.0
                                                         10.7
                                                                10.5
                                                                      10.4
                                                                             10.5
            14.1
                         14.0
                                14.2
                                                   10.5
                                                                                   10.4
                                 9.2
                                                         14.1
   [54409]
            10.0
                    9.7
                          8.1
                                       9.3
                                             10.1
                                                   11.8
                                                                16.3
                                                                      16.6
                                                                             17.3
                                                                                   17.9
                                                   12.8
                                                         12.0
   [54421]
            19.1
                   19.1
                         18.8
                                18.1
                                      16.5
                                             14.4
                                                                11.7
                                                                      11.5
                                                                             11.3
                                                                                   11.1
   [54433]
            11.2
                   10.7
                         10.4
                                10.3
                                      10.0
                                             11.0
                                                   13.3
                                                         16.7
                                                                18.6
                                                                      19.1
                                                                             19.7
   [54445]
                   20.7
                         20.0
                                18.7
                                      16.0
                                             13.9
                                                   12.9
                                                         12.2
                                                                11.9
                                                                      12.0
                                                                             12.1
                                                                                   12.0
            21.1
   [54457]
            11.8
                   11.4
                         11.1
                                10.8
                                      10.4
                                             10.6
                                                   13.9
                                                         17.7
                                                                20.0
                                                                      21.1
                                                                             21.8
                                                                                   21.8
                                      17.4
   [54469]
                         20.7
                                19.5
                                                   14.5
                                                         14.0
                                                                      13.1
                                                                             12.5
            21.8
                   21.3
                                             15.4
                                                                13.5
                                                                                   12.1
   [54481]
            12.8
                   12.9
                         10.9
                                10.7
                                       9.4
                                             10.7
                                                   12.6
                                                         13.6
                                                                14.8
                                                                       15.9
                                                                             16.6
                                                                                   17.0
   [54493]
            17.2
                   17.4
                         17.4
                                16.7
                                      13.9
                                             10.6
                                                   10.1
                                                          10.7
                                                                10.7
                                                                       10.3
                                                                             10.0
                                                                                    9.9
   [54505]
             8.4
                    8.4
                          8.3
                                 7.6
                                       7.4
                                              8.6
                                                   12.2
                                                         14.5
                                                                15.9
                                                                      16.7
                                                                             17.2
                                                                                   17.5
##
   [54517]
            16.8
                   16.6
                         16.1
                                15.4
                                      13.8
                                             11.6
                                                   10.5
                                                           9.8
                                                                 9.0
                                                                        8.4
                                                                              7.7
                                                                                    7.1
   [54529]
                    6.0
                                 5.6
                                       5.4
                                              6.7
                                                    9.4
                                                         11.6
                                                                13.3
                                                                      15.0
                                                                                   18.2
             6.6
                          5.7
                                                                             16.8
   [54541]
            20.6
                   20.5
                         19.9
                                18.9
                                      16.6
                                             14.1
                                                   12.7
                                                          11.5
                                                                11.0
                                                                       10.5
                                                                             10.3
                                                                                     9.9
##
  [54553]
             9.5
                    9.4
                          8.7
                                 8.3
                                       8.1
                                              8.9
                                                   12.1
                                                         14.5
                                                                16.7
                                                                       18.2
                                                                             18.8
                                                                                   18.8
   [54565]
            19.0
                   18.1
                         18.0
                                16.8
                                      14.8
                                             11.8
                                                   10.9
                                                         10.3
                                                                 9.9
                                                                        9.9
                                                                              9.9
                                                                                     9.6
   [54577]
             9.2
                    8.9
                          8.7
                                 8.6
                                       9.0
                                             10.4
                                                   13.6
                                                         16.2
                                                                17.9
                                                                      19.2 19.9
                                                                                   20.4
##
   [54589]
            19.7
                   20.0
                         19.7
                                18.8
                                      17.2
                                             15.5
                                                   14.8
                                                         14.6
                                                                14.4
                                                                      14.1
                                                                             13.5
##
                                                                                   13.0
                                                   13.4
                                                         14.5
                                                                14.8
                                                                      15.3
                                                                             15.2
                                                                                   15.3
##
   [54601]
            12.7
                   13.3
                         13.2
                                12.5
                                      12.6
                                            12.6
   [54613]
            16.3
                   15.9
                         15.2
                                14.0
                                      12.7
                                             10.7
                                                    9.8
                                                           9.1
                                                                 8.3
                                                                        7.8
                                                                              7.7
                                                                                    7.8
   [54625]
             7.8
                    7.7
                          8.3
                                 7.9
                                       8.4
                                             11.2
                                                   13.6
                                                         14.3
                                                                14.0
                                                                      14.1
                                                                             15.3
                                                                                   15.6
##
   [54637]
            15.4
                   16.6
                                15.2
                                      15.0
                                             12.5
                                                   11.3
                                                         10.3
                                                                10.3
##
                         16.0
                                                                      10.1
                                                                             10.4
                                                                                   10.4
            10.5
   [54649]
                   10.4
                         10.8
                                11.4
                                      10.1
                                            12.5
                                                   14.7
                                                          15.7
                                                                17.2
                                                                      18.9
                                                                             20.1
                                                                                   20.2
##
   [54661]
            20.9
                   20.9
                         20.2
                                18.8
                                      17.5
                                             14.8
                                                   13.7
                                                         13.8
                                                                13.5
                                                                      13.1
                                                                             12.7
                                                                                   12.4
##
   [54673]
            15.5
                   15.5
                         15.2
                                15.0
                                      14.9
                                             14.4
                                                   15.4
                                                          16.1
                                                                16.6
                                                                      17.1
                                                                             18.1
                                                                                   18.2
##
   [54685]
            19.4
                   19.1
                         18.3
                                17.2
                                      15.4
                                             12.2
                                                   10.8
                                                         10.6
                                                                10.7
                                                                       10.6
                                                                             10.3
                                                                                     9.9
                                                                                    15.3
   [54697]
            10.2
                   11.1
                         11.4
                                 9.9
                                       9.7
                                             10.5
                                                   11.9
                                                          12.8
                                                                14.0
                                                                       15.2
                                                                             14.9
                         14.9
   [54709]
            15.5
                   15.9
                                13.7
                                                           6.9
                                                                 5.9
                                                                        5.5
                                                                              5.0
                                                                                     4.4
                                      11.4
                                              9.1
                                                    8.0
   [54721]
             4.1
                    3.7
                          3.3
                                 2.5
                                       1.4
                                              3.5
                                                    5.9
                                                           7.2
                                                                 8.2
                                                                        9.0
                                                                              9.8
                                                                                    10.4
   [54733]
            10.9
                         11.0
                                10.4
                                       8.8
                                              5.9
                                                    4.9
                                                           3.8
                                                                 3.1
                                                                        2.6
                                                                              2.4
                                                                                     2.1
##
                   11.1
   [54745]
             1.9
                    1.8
                           1.7
                                 1.7
                                       1.8
                                              4.9
                                                    8.7
                                                          11.5
                                                                13.8
                                                                       15.7
                                                                             17.1
                                                                                    17.7
   [54757]
            18.0
                   18.3
                         18.3
                                17.4
                                      14.8
                                             11.7
                                                   10.4
                                                           9.7
                                                                 9.2
                                                                        8.6
                                                                              8.0
                                                                                     7.4
   [54769]
             7.1
                    6.9
                          6.6
                                 6.5
                                       6.4
                                              8.5
                                                   12.2
                                                         14.8
                                                                16.5
                                                                       17.6
                                                                             18.3
                                                                                   18.7
   [54781]
            18.5
                   18.2
                         17.7
                                16.7
                                      15.0
                                            11.8
                                                   10.6
                                                         10.1
                                                                 9.8
                                                                        9.5
                                                                              9.4
                                                                                     9.3
##
   [54793]
             9.5
                    9.4
                          9.3
                                 9.6
                                      10.2
                                            11.5
                                                   14.6
                                                         17.0
                                                                18.9
                                                                       20.2
                                                                             21.3
                                                                                   21.9
   [54805]
            22.0
                   21.9
                         21.1
                                17.7
                                      15.1
                                            12.1
                                                   10.6
                                                           9.6
                                                                 8.8
                                                                        8.6
                                                                              8.4
                                                                                     8.1
   [54817]
                                 7.2
                                       6.9
                                              8.0
                                                    9.4
                                                         10.6
             7.7
                    7.2
                          7.4
                                                                11.6
                                                                       12.6
                                                                             13.7
                                                                                   14.6
   [54829]
                   16.8
                         16.8
                                16.2
                                      14.6
                                                                        8.9
                                                                              8.2
                                                                                     7.8
##
            16.7
                                            11.7
                                                   10.7
                                                           9.8
                                                                 9.1
   [54841]
                          9.9
                                       9.3
                                                         17.6
                                                                19.5
                                                                       20.3
                                                                             20.2
             8.2
                    8.9
                                 9.7
                                             11.1
                                                   14.7
                                                                                   19.8
                                      17.4
                                                                14.9
   [54853]
            20.9
                   20.7
                         19.9
                                18.5
                                             16.1
                                                   15.7
                                                          15.3
                                                                       14.5
                                                                             14.0
                                                                                   13.7
##
   [54865]
            13.8
                   13.5
                         13.3
                                13.0
                                      12.8
                                             15.0
                                                   17.4
                                                         17.9
                                                                19.1
                                                                       20.0
                                                                             19.0
                                                                                   17.8
   [54877]
                         18.1
                                                   15.1
                                                         14.5
                                                                14.5
                                                                             14.5
                                                                                   13.9
            19.0
                   18.4
                                18.7
                                      18.7
                                             17.1
                                                                       13.8
            13.0
  [54889]
                   13.7
                         13.2
                                12.6
                                      12.3
                                             13.8
                                                   15.9
                                                         16.9
                                                                17.8
                                                                       18.6
                                                                             18.8
                                                                                   19.0
## [54901]
            18.1
                   17.5
                         16.5
                                15.3
                                      13.8
                                             12.1
                                                   11.2
                                                         10.3
                                                                 9.6
                                                                        9.0
                                                                              8.6
                                                                                    8.5
## [54913]
             8.5
                    8.4
                          8.3
                                 8.4
                                       8.7
                                              9.4
                                                   10.4
                                                         10.4
                                                                10.9
                                                                        9.0
                                                                              9.5
                                                                                   11.5
## [54925]
            14.6
                   16.6
                         16.8
                                16.1
                                      15.1
                                            13.5
                                                   12.0
                                                         10.1
                                                                10.4
                                                                      10.1
                                                                              8.9
                                                                                    7.9
                    7.4
## [54937]
             7.7
                          7.2
                                 7.2
                                       7.4
                                            10.4
                                                   13.5 15.7
                                                                17.4
                                                                      18.4
                                                                            19.0
                                                                                   19.5
## [54949]
            18.6
                   18.8 18.6 17.8
                                      15.9
                                            13.5 12.5 11.1 10.5 10.3 10.4
                                                                                  10.4
```

```
## [54961]
            10.1
                   9.9
                         9.8
                                9.5
                                      9.3 11.3 14.5 16.6 18.3 19.7
                                                                          20.4
  [54973]
            20.4
                  19.9
                        19.2
                              18.1
                                     16.6
                                           13.0
                                                 11.7
                                                       11.1
                                                              10.7
                                                                    10.6
                                                                          10.6
                                                                                11.0
                                                 13.2
                                                              14.2
  [54985]
            10.8
                  11.3
                        11.5
                               11.4
                                     11.3
                                           13.0
                                                       14.0
                                                                    12.8
                                                                          12.4
                                                  8.9
                                                                     8.4
  [54997]
            15.2
                  14.6
                        14.3
                               13.7
                                     11.0
                                            9.7
                                                        8.7
                                                               8.4
                                                                           8.5
                                                                                 7.4
   [55009]
             7.5
                   7.4
                         7.3
                                7.7
                                      8.2
                                            8.7
                                                 10.4
                                                       11.0
                                                              11.4
                                                                    13.4
                                                                          14.0
                                                                                14.8
  [55021]
            13.8
                  14.8
                        14.8
                               14.3
                                     13.1
                                           10.9
                                                 10.5
                                                       10.5
                                                              10.3
                                                                    10.2
                                                                           8.7
                                                                                  8.0
##
  [55033]
                   7.5
                         7.4
                                7.5
                                      7.6
                                            8.4
                                                  9.4
                                                       10.9
                                                              11.2
                                                                          12.4
             7.9
                                                                    11.7
                                                                                12.9
  [55045]
                                     13.1
                                           10.6
                                                  9.5
                                                         9.0
                                                                     8.3
                                                                           7.9
            15.0
                  15.3
                        14.9
                               14.2
                                                               8.7
                                                                                 7.6
##
   [55057]
             7.2
                   6.9
                         6.8
                                6.7
                                      7.1
                                            9.8
                                                 12.9
                                                       14.7
                                                              16.2
                                                                    17.3
                                                                          17.9
                                                                                17.9
            16.5
                  17.4
                                                 12.1
                                                              10.9
                                                                                  9.6
##
   [55069]
                        17.0
                               16.2
                                     15.1
                                           13.0
                                                       11.5
                                                                    10.5
                                                                          10.1
  [55081]
             9.1
                   8.7
                         8.4
                                8.2
                                      8.0
                                           10.9
                                                 13.7
                                                        15.5
                                                              16.7
                                                                    18.0
                                                                          18.9
                                                                                19.3
   [55093]
            19.5
                  19.6
                         19.3
                               18.3
                                     16.6
                                           13.9
                                                 12.3
                                                       11.8
                                                              11.0
                                                                    10.4
                                                                           9.9
                                                                                 9.5
##
   [55105]
             9.3
                   8.8
                         8.5
                                8.4
                                      8.6
                                           11.5
                                                 14.5
                                                       16.5
                                                              18.0
                                                                    18.8
                                                                          19.2
                                                                                19.4
   [55117]
            20.2
                  19.9
                         19.3
                                     17.0
                                           14.1
                                                                    10.5
##
                               18.4
                                                 12.6
                                                       11.4
                                                              10.9
                                                                          10.3
                                                                                10.3
   [55129]
             9.9
                   9.7
                         9.3
                                9.2
                                      9.8
                                           13.0
                                                 15.3
                                                       17.1
                                                              18.0
                                                                    19.0
                                                                          19.5
                                                                                19.4
   [55141]
            19.3
                  19.4
                        19.3
                               18.7
                                     17.5
                                           15.7
                                                 14.8
                                                       14.3
                                                              13.9
                                                                    12.8
                                                                          12.1
                                                                                11.3
   [55153]
            10.7
                  10.2
                         9.9
                               10.1
                                     10.6
                                           13.9
                                                 16.5
                                                       17.4
                                                              16.8
                                                                    16.3
                                                                          15.8
##
                                                                                16.7
   [55165]
            18.8
                  18.6
                        17.5
                               17.0
                                     15.6
                                           13.6 12.9
                                                       12.5
                                                              12.4
                                                                    12.3
                                                                          12.2
                  10.9
  [55177]
                        10.7
                               10.5
                                     10.4
                                           11.2 11.6 11.7
                                                              12.0
                                                                    12.5
            11.1
                                                                          14.2
                                                                                14.8
  [55189]
            13.6
                  13.7
                        14.5
                               14.0
                                     13.5
                                           11.9
                                                 10.9
                                                       10.7
                                                              10.8
                                                                    10.9
                                                                          11.0
                                                                                10.9
##
                                                                          14.3
  [55201]
            10.6
                  10.3
                        10.3
                              10.0
                                     10.4
                                           12.1
                                                 13.7
                                                       15.1
                                                              14.2
                                                                    14.3
                                                                                13.3
  [55213]
            17.1
                  17.3
                        17.2
                               15.8
                                     15.1
                                           13.3
                                                 12.6
                                                       11.8
                                                              11.7
                                                                    11.8
                                                                          11.8
                                                              16.4
                                                                                16.9
  [55225]
            12.1
                  12.2
                        12.1
                               12.0
                                     12.6
                                           14.2
                                                 16.3
                                                       17.5
                                                                    16.9
                                                                         17.1
   [55237]
            19.5
                  19.1
                        18.6
                              17.6
                                     16.3
                                           13.9
                                                 12.6
                                                       11.9
                                                              11.8
                                                                    11.3
                                                                          10.8
##
                                                                                10.5
                                                                    20.3
            10.2
                        10.0
                                                              19.2
                                                                          20.9
                                                                                21.2
##
   [55249]
                  10.0
                                9.8
                                     10.5
                                           13.0 15.5
                                                       17.5
                        22.0
   [55261]
            22.4
                  22.3
                               21.2
                                     19.9
                                           16.6
                                                 15.5
                                                       16.1
                                                              15.1
                                                                    13.9
                                                                          13.0
   [55273]
            12.0
                  13.2
                        13.3
                               12.8
                                     13.5
                                           15.9
                                                 19.2
                                                       21.3
                                                              23.0
                                                                    24.3
                                                                          25.1
                                                                                25.0
   [55285]
            22.8
                        21.6
                               20.7
                                           15.6
                                                 13.8
                                                       13.3
                                                              12.9
##
                  22.1
                                     19.1
                                                                    13.1
                                                                          13.1
                                                                                13.0
   [55297]
            14.3
                  13.7
                        13.1
                               13.4
                                     13.4
                                           16.5
                                                 19.6
                                                       21.7
                                                              23.5
                                                                    24.1
                                                                          25.1
                                                                                26.6
##
   [55309]
            25.6
                  25.1
                        24.5
                               23.3
                                     20.5
                                           19.1
                                                 16.8
                                                       16.2
                                                              16.4
                                                                    17.0
                                                                          16.2
                                                                                15.4
   [55321]
            15.7
                  15.5
                        16.7
                               15.7
                                     14.8
                                           16.3
                                                 17.0
                                                       19.2
                                                              20.5
                                                                    21.6
                                                                          22.9
                                                                                22.9
##
   [55333]
            24.1
                  22.5
                        21.4
                               20.0
                                     18.6
                                           15.6
                                                 13.8
                                                       14.6
                                                              14.7
                                                                    13.9
                                                                          13.6
                                                                                13.3
   [55345]
            14.0
                  13.8
                        13.7
                               13.4
                                     13.4
                                           13.7
                                                 14.3
                                                       15.3
                                                              16.5
                                                                    17.6
                                                                          18.2
                                                                                18.1
                        19.8
                                                              14.0
   [55357]
                  20.0
                               19.6
                                     19.1
                                           17.4
                                                 17.1
                                                       16.2
                                                                    14.0
            21.6
                                                                          13.3
                                                                                11.8
   [55369]
            12.1
                  11.8
                        11.6
                               11.4
                                     11.6
                                           12.6
                                                 13.7
                                                        15.0
                                                              15.9
                                                                    17.6
                                                                          19.3
                                                                                19.8
            17.4
                                                                          10.5
   [55381]
                  17.2
                        16.9
                               16.4
                                     15.4
                                           13.4 12.5
                                                       11.7
                                                              11.1
                                                                    10.8
##
                                                                                10.3
  [55393]
            10.1
                  10.7
                        10.3
                               10.8
                                     11.2
                                           11.8
                                                 13.9
                                                       15.2
                                                              15.3
                                                                    15.5
                                                                          17.6
  [55405]
            13.6
                  13.8
                        15.6
                               15.8
                                     15.2
                                           13.4
                                                 13.0
                                                       12.8
                                                              12.7
                                                                    12.2 11.9
                                                                                11.8
   [55417]
            11.7
                  11.9
                        11.5
                               11.1
                                     11.5
                                           12.9
                                                 14.0
                                                       14.5
                                                              14.9
                                                                    15.2
                                                                          15.7
                                                                                16.0
##
  [55429]
            15.5
                  15.5
                        14.2
                              13.8
                                     14.4
                                           14.1
                                                 13.3 13.1 13.0
                                                                    12.6
                                                                          12.6
                                                                                12.3
##
                                                       13.9
                                                              14.5
  [55441]
                        12.8
                              12.5
                                     12.5
                                           12.9
                                                 13.3
                                                                    15.7
            12.6
                  13.3
                                                                          17.8
  [55453]
            19.8
                  19.7
                        19.4
                               18.7
                                     17.5
                                           15.8
                                                14.6 14.6
                                                              14.7
                                                                    14.2 14.9
                                                                                14.1
   [55465]
                               11.9
                                     13.2
                                           14.3
                                                 16.6
                                                       14.8
            13.9
                  13.2
                        12.7
                                                              15.6
                                                                    15.8
                                                                          17.3
                                                                                17.8
            19.0
                  18.7
                                           14.0
                                                                          11.2
##
   [55477]
                        18.1
                               17.3
                                     16.1
                                                 12.4
                                                       12.3
                                                              13.3
                                                                    11.6
                                                                                11.0
   [55489]
                                     12.2
                                                 17.4
                                                       19.3
                                                              20.4
                                                                    19.5
            10.4
                  10.1
                        10.3
                               10.4
                                           15.0
                                                                          19.4
                                                 15.7
                                                                                14.0
   [55501]
            19.0
                  18.9
                        19.0
                               18.9
                                     18.7
                                           16.5
                                                       15.6
                                                              15.0
                                                                    14.6
                                                                          14.4
##
   [55513]
            13.1
                  13.0
                        12.5
                               12.4
                                     12.9
                                           13.4
                                                 14.3
                                                       15.2
                                                              15.5
                                                                    15.9
                                                                          16.1
                                                                                16.4
   [55525]
                               19.9
                                           16.7
                                                 15.4
                                                       14.9
                                                              14.7
                                                                          13.5
                                                                                13.1
            19.5
                  20.8
                        19.6
                                     19.2
                                                                    14.3
  [55537]
            12.3
                  12.0
                        11.8
                               11.5
                                     12.8
                                           15.5
                                                 17.4
                                                       18.6
                                                              20.1
                                                                    21.3
                                                                          21.7
                                                                                21.2
                                     20.5
  [55549]
            21.8
                  22.1
                        22.3
                               21.7
                                           17.8
                                                 15.9
                                                       15.4
                                                              15.4
                                                                    15.5
                                                                          14.5
                                                                                15.2
  [55561]
            15.2
                  16.6
                        17.0
                               15.2
                                     15.4
                                           17.2 19.4
                                                       19.6
                                                              19.7
                                                                    21.1
                                                                          22.7
##
                                                                                21.1
## [55573]
            20.4
                  21.4
                        21.0
                              20.2
                                     18.8
                                           16.1
                                                 14.4 14.8 14.1 13.8 13.6
## [55585]
            13.6
                  13.3
                        12.7
                               12.2
                                     13.9
                                           16.2 17.9 19.4 18.8 18.7 18.3
                                                                                17.9
## [55597]
            17.8 17.6 17.5 17.1 16.6
                                          15.5
                                                14.2 14.3 13.1 12.5 12.1
```

```
## [55609]
            11.6
                  11.6 11.4 11.3 11.6
                                           12.4 13.5 15.1 16.3 17.1 17.6
   [55621]
            16.4
                  16.3
                         17.0
                               16.4
                                     15.3
                                            13.5
                                                  12.4
                                                        11.9
                                                               11.5
                                                                     11.0
                                                                           10.5
                                                  13.6
   [55633]
             9.9
                    9.3
                          8.7
                                8.4
                                       9.6
                                            11.8
                                                        15.1
                                                               15.6
                                                                     16.4
                                                                           17.1
                                                  12.3
                                                                     10.6
   [55645]
            18.0
                  18.0
                         17.5
                               16.7
                                     15.4
                                            13.5
                                                        11.7
                                                               11.2
                                                                           10.1
                                                                                   9.8
##
   [55657]
             9.4
                   8.8
                          8.2
                                8.1
                                       9.6
                                            11.8
                                                  13.2
                                                        14.4
                                                               15.5
                                                                     16.8
                                                                            17.8
                                                                                  18.7
   [55669]
            19.5
                  19.6
                         19.2
                               18.2
                                     16.6
                                            14.2 12.6 12.4
                                                               11.5
                                                                     10.8
                                                                          10.5
                                                                                   9.1
##
             8.6
                    8.6
                          8.6
                                8.6
                                       9.6
                                            11.7
                                                  12.1
                                                        12.5
                                                               13.8
                                                                     13.9
                                                                           13.9
   [55681]
                                                                                  13.0
                               15.7
                                     15.4
                                            14.4
                                                        13.2
                                                               13.4
                                                                     14.0
   [55693]
            14.6
                  15.1
                         16.1
                                                  13.2
                                                                           13.8
                                                                                  13.6
                                            13.9
##
   [55705]
            13.1
                  12.7
                         12.4
                               12.2
                                     13.3
                                                  14.5
                                                        16.1
                                                               16.7
                                                                     16.6
                                                                           19.1
                                                                                  18.1
                                                  16.0
                                                        15.6
                                                               15.2
##
   [55717]
            19.5
                  19.1
                         18.5
                               19.5
                                     19.1
                                            17.2
                                                                     15.1
                                                                            14.9
                                                                                  13.5
   [55729]
            13.4
                  14.1
                         14.5
                               14.5
                                     14.7
                                            16.2
                                                  17.4
                                                        20.2
                                                               21.9
                                                                     22.8
                                                                            23.4
                                                                                  23.6
                                     20.3
   [55741]
            20.7
                  20.7
                         21.8
                               21.4
                                            18.1
                                                  16.6
                                                        15.8
                                                               15.1
                                                                     14.6
                                                                            14.4
                                                                                  13.8
##
   [55753]
            14.1
                  13.4
                         13.1
                               12.9
                                     14.7
                                            17.5
                                                  20.0
                                                        22.1
                                                               23.8
                                                                     24.7
                                                                            25.0
                                                                                  25.0
   [55765]
                  23.9
                         23.2
                               21.7
                                     21.0
                                            19.2
                                                        16.1
                                                                     15.8
                                                                            15.4
##
            25.1
                                                  16.8
                                                               16.6
                                                                                  15.5
   [55777]
            15.5
                  15.4
                         15.3
                               15.2
                                     16.7
                                            17.0
                                                  17.8
                                                        20.1
                                                               20.8
                                                                     21.4
                                                                            22.2
                                                                                  23.4
   [55789]
            23.3
                  23.6
                         23.7
                               23.0
                                     21.5
                                            19.1
                                                  17.6
                                                        16.5
                                                               16.3
                                                                     16.2
                                                                            16.0
                                                                                  15.6
   [55801]
                  15.1
                               14.5
                                     16.1
                                            19.0
                                                  22.3
                                                        22.8
                                                               22.7
                                                                     24.6
                                                                            24.5
                                                                                  25.2
##
            15.2
                         14.4
   [55813]
            26.1
                  25.9
                         25.2
                               24.5
                                     23.2
                                            21.2
                                                  19.7
                                                        18.5
                                                               18.0
                                                                     18.0
                                                                            17.5
                                                                                  15.3
                  14.6
   [55825]
                         14.2
                               14.0
                                     15.0
                                            16.4
                                                  16.4
                                                        16.7
                                                               17.1
                                                                     19.3
                                                                           19.9
                                                                                  20.0
            14.9
   [55837]
            19.8
                  19.7
                         19.4
                               19.1
                                     18.8
                                            17.6
                                                  16.2
                                                        15.3
                                                               14.8
                                                                     14.5
                                                                            14.3
                                                                                  13.5
                                                                           19.2
##
   [55849]
            12.8
                  12.3
                         12.1
                               12.0
                                     14.0
                                            15.8
                                                  16.6
                                                        17.5
                                                               18.1
                                                                     18.7
                                                                                  19.4
   [55861]
            19.5
                  19.5
                         19.4
                               18.5
                                     17.3
                                            15.7
                                                  14.0
                                                        12.9
                                                               11.6
                                                                     11.1
                                                                            10.9
                                                        17.6
                                                               18.6
   [55873]
            11.0
                  10.4
                         10.0
                                9.7
                                            15.3
                                                  17.5
                                                                     19.7
                                                                            20.3
                                                                                  20.7
##
                                     11.1
   [55885]
            20.8
                  20.8
                         20.5
                               19.9
                                     19.2
                                            17.2
                                                  14.7
                                                        14.1
                                                               13.4
                                                                     12.9
                                                                           12.3
                                                                                  11.9
##
                         10.8
                                                                     20.7
            11.6
                               10.5
                                            14.5
                                                  17.2
                                                        18.6
                                                               19.7
                                                                            21.4
                                                                                  20.7
##
   [55897]
                  11.3
                                     11.7
   [55909]
            21.3
                  22.0
                         21.8
                               21.2
                                     20.4
                                            18.1
                                                  16.5
                                                        15.7
                                                               15.0
                                                                     14.3
                                                                           13.7
                                                                                  13.1
   [55921]
            12.5
                  12.6
                         12.6
                               12.4
                                     12.9
                                            15.0
                                                  18.3
                                                        20.7
                                                               21.9
                                                                     22.8
                                                                           23.6
                                                                                  24.2
   [55933]
                               24.0
                                     23.3
                                            21.5
                                                  19.6
                                                        18.3
                                                               17.3
##
            24.6
                  24.7
                         24.5
                                                                     16.0
                                                                            15.3
                                                                                  14.3
                                                               22.7
   [55945]
            13.4
                  12.5
                         11.9
                               11.6
                                     14.0
                                            17.5
                                                  19.7
                                                         21.4
                                                                     23.6
                                                                            24.3
                                                                                  24.7
##
   [55957]
            23.7
                  23.6
                         23.1
                               22.2
                                     21.2
                                            19.8
                                                  17.9
                                                        16.6
                                                               15.6
                                                                     14.5
                                                                           12.5
                                                                                  11.3
##
   [55969]
            10.4
                    9.6
                          9.1
                                8.5
                                     10.8
                                            14.6
                                                  16.8
                                                         18.9
                                                               20.6
                                                                     22.0
                                                                            23.0
                                                                                  23.7
##
   [55981]
            24.9
                  25.0
                         24.9
                               24.4
                                     23.4
                                            21.1
                                                  18.2
                                                        17.3
                                                               16.5
                                                                     15.8
                                                                            15.3
                                                                                  14.8
                                                        22.0
                                                                                  24.3
   [55993]
            14.4
                  14.0
                         13.6
                               13.3
                                     15.0
                                            18.3
                                                  20.4
                                                               22.2
                                                                     22.5
                                                                            23.9
                                                  18.9
   [56005]
                  25.6
                         25.4
                               24.8
                                     23.8
                                            21.7
                                                        17.8
                                                               16.9
                                                                     16.0
                                                                            15.2
                                                                                  14.4
            25.7
                                                        22.6
   [56017]
            13.8
                  13.2
                         12.7
                               12.7
                                     13.6
                                            16.4
                                                  20.1
                                                               24.4
                                                                     25.4
                                                                            26.1
                                                                                  26.3
   [56029]
            25.6
                  24.4
                         23.5
                               24.0
                                     23.5
                                            22.0
                                                  20.2
                                                        18.9
                                                               17.9
                                                                     17.0
                                                                           16.3
##
                                                                                  15.7
   [56041]
            15.2
                  14.7
                         14.2
                               13.7
                                     15.3
                                            18.7
                                                  20.8
                                                        22.1
                                                               23.1
                                                                     23.9
                                                                            24.4
   [56053]
            25.9
                  25.5
                         25.5
                               25.2
                                     24.5
                                            22.8
                                                  21.3
                                                        20.1
                                                               19.3
                                                                     18.8
                                                                           18.2
                                                                                  17.6
##
   [56065]
            17.0
                  16.5
                         15.9
                               15.4
                                     17.2
                                            20.5
                                                  22.7
                                                         24.0
                                                               24.1
                                                                     24.7
                                                                            25.4
                                                                                  24.9
##
                                                        20.9
                                            23.7
                                                               19.9
   [56077]
            27.4
                  27.3
                         27.0
                               26.6
                                     25.8
                                                  21.8
                                                                     19.0
                                                                           18.7
                                                                                  18.4
##
   [56089]
                         17.2
                               16.9
                                     18.2
                                            21.5
                                                  24.0
                                                        25.5
                                                               26.4
                                                                     27.2
                                                                            27.9
            18.0
                  17.6
   [56101]
            28.7
                  28.7
                         28.3
                               27.9
                                     26.9
                                            24.5
                                                  22.6
                                                        21.5
                                                               20.5
                                                                     19.7
                                                                            19.2
                                                                                  19.0
   [56113]
                               18.0
                                     19.5
                                            22.2
                                                        25.6
                                                               26.8
##
            18.7
                  18.6
                         18.3
                                                  24.1
                                                                     27.5
                                                                            27.9
                                                                                  28.0
            28.9
                  28.4
                                     24.7
                                                  20.3
                                                                     19.0
                                                                           18.8
##
   [56125]
                         27.5
                               26.3
                                            22.7
                                                        19.4
                                                               19.1
                                                                                  18.5
                                     18.5
                                                  23.5
                                                         25.2
                                                               26.6
   [56137]
            18.3
                  18.0
                         17.3
                               16.8
                                            21.4
                                                                     27.6
                                                                            28.3
                                                  22.1
                                                        20.9
   [56149]
            29.5
                  29.3
                         28.7
                               27.8
                                     26.7
                                            24.6
                                                               20.1
                                                                     19.4
                                                                            18.8
                                                                                  18.3
##
                                                        25.7
##
   [56161]
            18.0
                  17.8
                         17.5
                               17.1
                                     18.6
                                            21.7
                                                  23.9
                                                               27.2
                                                                     28.4
                                                                            29.4
                                                                                  30.0
   [56173]
            29.3
                  29.2
                         28.8
                               27.9
                                     26.5
                                            24.4
                                                  22.0
                                                        20.7
                                                               19.9
                                                                     18.4
                                                                                  17.4
                                                                           17.6
   [56185]
            17.3
                  16.9
                         16.3
                               16.2
                                     16.8
                                            17.6
                                                  19.5
                                                        21.3
                                                               20.6
                                                                     20.7
                                                                            21.2
                                                                                  21.4
                                     20.6
   [56197]
            22.0
                  21.8
                         21.4
                               20.9
                                            19.5
                                                  16.9
                                                        15.7
                                                               15.2
                                                                     14.8
                                                                           14.5
                                                                                  14.2
  [56209]
            14.3
                  15.2
                         15.6
                               15.6
                                     16.4
                                            17.5
                                                  17.8
                                                        18.1
                                                               18.3
                                                                     18.4
                                                                           18.6
##
                                                                                  18.8
## [56221]
            21.3
                  21.5
                         21.6
                               21.5
                                     21.1
                                            20.7
                                                  19.8
                                                        19.1
                                                               19.1
                                                                     18.8
                                                                          18.6
                                                                                  18.2
## [56233]
            17.9
                  17.4
                         17.1
                               17.1
                                     17.8
                                            18.2
                                                  18.3
                                                        18.6
                                                               18.8
                                                                     19.0 19.2
                                                                                  19.2
                                     20.1 18.8
## [56245]
            19.3
                  18.5 19.1 19.9
                                                  16.7
                                                        15.9 15.3 14.9 14.5
                                                                                 14.3
```

```
## [56257]
             14.1
                   13.9
                        13.1 12.3
                                      14.6
                                             17.5
                                                   19.4 17.6 15.5
                                                                      14.8
   [56269]
             19.6
                   18.5
                         18.3
                                18.2
                                       17.9
                                             17.3
                                                    15.2
                                                          13.6
                                                                 13.1
                                                                       12.9
                                                                              12.7
                                                                                     12.7
                                                                              20.9
   [56281]
             13.1
                   12.7
                          12.5
                                12.5
                                       13.8
                                             16.4
                                                    18.3
                                                          19.5
                                                                 20.4
                                                                       21.1
                                                                                     20.9
                                             20.6
                                                    18.6
   [56293]
             23.4
                   22.7
                          21.2
                                19.4
                                       20.8
                                                          16.7
                                                                 16.9
                                                                       16.3
                                                                              14.9
                                                                                     15.4
##
   [56305]
             16.0
                   15.9
                          15.7
                                15.8
                                       16.2
                                             16.2
                                                    16.3
                                                          16.9
                                                                 17.2
                                                                       17.9
                                                                              19.3
                                                                                     20.9
   [56317]
             19.8
                   20.2
                         19.5
                                19.2
                                       19.0
                                             17.9
                                                    17.0
                                                          17.0
                                                                 17.3
                                                                       17.4
                                                                              17.1
                                                                                    15.8
##
                                14.9
                                       15.8
                                             16.8
                                                    18.1
                                                          19.5
                                                                 21.1
                                                                       20.2
                                                                              19.8
   [56329]
             15.1
                   14.8
                          14.8
                                       21.0
                                             19.7
                                                          18.6
                                                                 18.4
                                                                       18.0
   [56341]
             19.9
                   21.3
                         21.8
                                21.5
                                                    18.7
                                                                              17.4
                                                                                    16.8
##
   [56353]
             16.7
                   16.6
                          16.5
                                15.9
                                       18.5
                                             20.0
                                                    21.1
                                                          20.8
                                                                 21.3
                                                                       21.9
                                                                              22.8
                                                                                     22.2
                                             21.5
                                                    19.6
                                                          19.4
                                                                       18.8
##
   [56365]
             24.3
                   24.6
                          23.3
                                23.7
                                       22.7
                                                                 18.9
                                                                              18.8
                                                                                    19.1
   [56377]
             18.7
                   18.7
                          18.7
                                18.2
                                       19.8
                                             21.9
                                                    23.1
                                                          24.5
                                                                 24.3
                                                                       25.6
                                                                              26.8
                                                                                     27.0
   [56389]
                   26.9
                          26.1
                                25.8
                                       23.4
                                             23.3
                                                    22.4
                                                          21.8
                                                                 21.1
                                                                       20.6
                                                                              20.1
                                                                                     20.2
##
             26.8
##
   [56401]
             19.7
                   19.1
                          18.6
                                18.1
                                       19.5
                                             22.3
                                                    22.3
                                                          24.1
                                                                 24.7
                                                                       24.6
                                                                              25.4
                                                                                     25.7
   [56413]
                   26.0
                          25.8
                                25.2
                                       24.4
                                             22.9
                                                    20.5
                                                          20.3
                                                                 19.2
                                                                       19.2
                                                                              18.3
##
             25.7
                                                                                     17.4
   [56425]
             16.6
                   15.8
                          15.2
                                14.9
                                       17.8
                                             18.6
                                                    19.4
                                                          20.6
                                                                 21.9
                                                                       23.3
                                                                              24.3
                                                                                     25.0
   [56437]
             25.3
                   25.2
                          24.9
                                24.3
                                       23.4
                                             21.9
                                                    20.1
                                                          19.3
                                                                 18.6
                                                                       18.0
                                                                              17.5
                                                                                     16.9
   [56449]
             16.3
                   15.9
                          15.6
                                15.6
                                       18.1
                                             20.2
                                                    22.2
                                                          24.0
                                                                 25.5
                                                                       26.8
                                                                              27.9
                                                                                     28.6
##
   [56461]
             28.1
                   28.2
                          28.0
                                27.4
                                       26.2
                                             24.3
                                                    21.4
                                                          20.0
                                                                 19.0
                                                                       18.2
                                                                              17.8
   [56473]
                   17.8
                          18.0
                                18.2
                                       20.0
                                             22.9
                                                    25.9
                                                          27.4
                                                                 28.6
                                                                       29.6
                                                                              30.2
                                                                                    30.5
             18.0
   [56485]
             29.1
                   29.8
                          29.4
                                28.8
                                       27.8
                                             26.2
                                                    23.4
                                                          21.6
                                                                 20.8
                                                                       21.1
                                                                              20.5
                                                                                     18.9
##
   [56497]
             18.6
                   18.5
                          18.1
                                18.8
                                       20.9
                                             23.5
                                                    25.9
                                                          27.0
                                                                 27.9
                                                                       28.6
                                                                              29.3
                                                                                     29.8
   [56509]
             27.2
                   27.0
                          26.8
                                26.0
                                       24.9
                                             23.1
                                                    19.9
                                                          18.6
                                                                 17.7
                                                                       17.1
                                                                              16.7
   [56521]
             16.3
                   16.3
                          16.5
                                16.8
                                       18.7
                                             22.2
                                                    24.7
                                                          26.6
                                                                 28.1
                                                                       29.0
                                                                              29.3
                                                                                     29.4
##
   [56533]
             29.6
                   29.5
                          29.0
                                28.0
                                       26.8
                                             25.2
                                                    23.4
                                                          22.7
                                                                 22.2
                                                                       21.3
                                                                              20.5
                                                                                     20.5
##
                                       20.9
                                             24.2
                                                    26.2
                                                          27.6
                                                                 28.7
                                                                       29.8
                                                                              30.8
##
   [56545]
             20.1
                   19.7
                          19.3
                                19.1
                                                                                    31.1
                                                          23.8
   [56557]
             32.0
                   31.9
                          31.3
                                30.0
                                       28.5
                                             26.3
                                                    23.8
                                                                 23.6
                                                                       23.2
                                                                              22.9
                                                                                     21.9
   [56569]
             19.5
                   18.8
                          18.4
                                18.6
                                       21.0
                                             23.5
                                                    25.4
                                                          26.9
                                                                 28.0
                                                                       28.7
                                                                              29.2
                                                                                    29.5
##
   [56581]
                          27.6
                                       26.6
                                             24.5
                                                    22.4
                                                          21.4
                                                                 20.1
##
             28.0
                   27.8
                                27.0
                                                                       19.5
                                                                              19.1
                                                                                    18.4
   [56593]
             18.0
                   17.9
                          17.4
                                17.1
                                       19.4
                                             21.3
                                                    23.2
                                                          24.8
                                                                 26.2
                                                                       27.4
                                                                              28.3
                                                                                     28.9
##
                                                          19.9
   [56605]
             28.1
                   28.0
                          27.5
                                26.4
                                       25.2
                                             23.7
                                                    20.9
                                                                 19.4
                                                                       19.5
                                                                              19.2
                                                                                    18.7
##
   [56617]
             18.3
                   18.4
                          18.2
                                18.1
                                       19.9
                                             22.5
                                                    24.3
                                                          26.2
                                                                 27.6
                                                                       28.5
                                                                              28.9
                                                                                     29.4
##
   [56629]
             28.2
                   28.5
                          27.6
                                27.1
                                       26.2
                                             24.9
                                                    21.8
                                                          20.5
                                                                 19.5
                                                                       19.5
                                                                              19.3
                                                                                    19.3
                                             24.1
                                                          27.7
                                                                 28.7
##
   [56641]
             19.3
                   19.4
                          19.5
                                19.7
                                       21.5
                                                    26.1
                                                                       30.0
                                                                              31.1
                                                                                     31.9
   [56653]
                   31.0
                          30.0
                                29.2
                                       27.8
                                             26.1
                                                    23.7
                                                          23.1
                                                                 22.2
                                                                       20.3
                                                                              20.2
                                                                                    19.0
             32.4
                                                    22.2
                                                          23.5
   [56665]
             18.6
                   18.5
                          18.9
                                18.9
                                       19.6
                                             20.7
                                                                 24.7
                                                                       26.7
                                                                              28.4
                                                                                    28.3
   [56677]
            29.4
                   28.7
                          26.3
                                24.4
                                       23.0
                                             23.0
                                                    20.9
                                                          21.5
                                                                 20.7
                                                                       20.7
                                                                              18.0
                                                                                    17.1
##
   [56689]
             17.1
                   16.8
                          16.6
                                17.1
                                       17.7
                                             18.5
                                                    19.2
                                                          19.8
                                                                 20.1
                                                                       22.1
                                                                              22.2
   [56701]
             23.1
                   23.3
                          24.5
                                23.5
                                       23.3
                                             22.5
                                                    21.0
                                                          20.0
                                                                 19.0
                                                                       18.9
                                                                              18.4
                                                                                    18.0
##
   [56713]
             17.6
                   17.3
                          17.5
                                17.8
                                       20.0
                                             21.8
                                                    23.4
                                                          24.2
                                                                 23.5
                                                                       25.9
                                                                              26.3
                                                                                     26.4
##
                                                    19.9
   [56725]
            27.1
                   25.8
                          26.2
                                25.3
                                       24.3
                                             23.1
                                                          18.6
                                                                 18.0
                                                                       18.8
                                                                              18.0
                                                                                     18.0
##
                          16.6
                                16.1
                                       17.7
                                             20.5
                                                    22.1
                                                          23.1
                                                                 24.0
                                                                       24.9
                                                                              25.6
   [56737]
             17.5
                   17.2
   [56749]
             26.4
                   26.4
                          26.3
                                25.8
                                       24.4
                                             22.1
                                                    18.9
                                                          18.6
                                                                 18.8
                                                                       18.9
                                                                              18.4
                                                                                    17.9
                                       18.5
                                             21.7
                                                    24.0
                                                          25.8
##
   [56761]
             17.5
                   17.1
                          17.1
                                16.9
                                                                 26.9
                                                                       27.5
                                                                              28.2
                                                                                     28.7
             29.0
                   29.0
                                28.0
                                       26.9
                                                    22.9
                                                          21.4
                                                                 20.4
                                                                       19.5
                                                                              18.8
##
   [56773]
                          28.7
                                             25.1
                                                                                    18.3
   [56785]
                                                          25.9
                                                                 27.3
             17.5
                   16.8
                          16.2
                                15.7
                                       18.1
                                             21.5
                                                    24.0
                                                                       28.3
                                                                              29.1
                                                                                     29.7
                   29.3
                                       27.9
                                                    24.5
                                                          23.9
                                                                 23.3
   [56797]
             29.1
                          29.3
                                28.9
                                             25.7
                                                                       21.6
                                                                              20.3
                                                                                     20.5
##
                                                    27.4
                                                          29.4
##
   [56809]
             19.9
                   20.1
                          21.3
                                21.5
                                       22.7
                                             24.9
                                                                 31.0
                                                                       32.0
                                                                              32.6
                                                                                    32.9
   [56821]
                                       28.9
                                             27.4
                                                    24.0
                                                          22.7
                                                                 21.4
                                                                       20.9
                                                                              21.0
                                                                                    21.0
##
             31.7
                   31.3
                          30.6
                                29.8
   [56833]
             21.3
                   21.3
                          20.8
                                20.6
                                       24.0
                                             27.6
                                                    29.6
                                                          31.4
                                                                 31.9
                                                                       31.7
                                                                              32.1
                                                                                    32.1
                                       29.7
                                                    24.0
                                                          23.3
                                                                 23.7
   [56845]
             31.9
                   32.0
                          30.3
                                30.6
                                             27.7
                                                                       23.4
                                                                              22.7
                                                                                    22.0
   [56857]
             22.3
                   21.4
                         21.4
                                20.8
                                       23.3
                                             26.9
                                                    30.5
                                                          32.1
                                                                 33.4
                                                                       33.8
                                                                              34.2
##
                                                                                    33.7
   [56869]
             34.0
                   33.6
                          32.9
                                32.2
                                       29.1
                                             25.6
                                                   21.6
                                                          20.2
                                                                 19.3
                                                                       18.8
                                                                              18.4
                                                                                    18.2
  [56881]
             18.0
                   17.7
                          17.3
                                17.0
                                       18.3
                                             20.0
                                                    21.7
                                                          23.2
                                                                 24.4
                                                                       25.2
                                                                              25.6
                                                                                    25.9
                                       22.9
## [56893]
             25.4
                   25.2
                         24.7
                                23.9
                                             21.4
                                                    19.8 19.2 18.6 17.9
                                                                             17.3
                                                                                    16.7
```

```
22.9 23.9
## [56905]
            16.3
                  15.9
                        15.7 15.6 17.3 19.3 21.2
                                                                     24.6
                                                                            25.1
   [56917]
            25.5
                  25.5
                         25.2
                               24.4
                                     23.2
                                            21.6
                                                  19.7
                                                        19.0
                                                               18.4
                                                                     17.9
                                                                            17.2
                                                                                  16.7
                                                        22.0
                                                                            25.0
   [56929]
            16.2
                  15.9
                         15.9
                               17.0
                                     17.3
                                            19.1
                                                  20.8
                                                               22.9
                                                                     23.9
                                            25.5
                                                  21.9
                                                        20.2
                                                               18.9
                                                                     18.1
   [56941]
            27.5
                  28.0
                         28.2
                               27.9
                                     27.3
                                                                            17.6
                                                                                  17.1
##
   [56953]
            16.9
                  16.8
                         16.6
                               16.6
                                     19.0
                                            21.3
                                                  23.1
                                                         24.3
                                                               25.5
                                                                     26.9
                                                                            28.0
                                                                                  28.9
   [56965]
            31.5
                  31.7
                         31.5
                               30.9
                                     29.3
                                            26.6
                                                  24.1
                                                        22.8
                                                               21.5
                                                                     21.0
                                                                            20.4
                                                                                  19.9
##
                  18.5
                         18.0
                                     20.5
                                            23.1
                                                  24.6
                                                        25.9
                                                               27.1
                                                                     28.0
                                                                            28.6
   [56977]
            19.2
                               17.6
                  28.8
                         28.4
                               27.4
                                            24.0
                                                  21.8
                                                        20.8
                                                               20.0
                                                                     19.2
##
   [56989]
            28.8
                                     26.0
                                                                           18.5
                                                                                  17.9
                                                  21.1
##
   [57001]
            17.5
                  17.9
                         16.9
                               16.4
                                     18.1
                                            19.7
                                                        22.4
                                                               23.8
                                                                     25.3
                                                                            26.5
                                                                                  27.5
                         28.3
                               27.7
                                            25.3
                                                  21.9
                                                        20.5
                                                               19.6
##
   [57013]
            28.3
                  28.5
                                     26.7
                                                                     19.1
                                                                            18.3
                                                                                  17.6
   [57025]
            17.8
                  18.7
                         18.3
                               17.9
                                     18.9
                                            19.4
                                                  21.0
                                                        22.6
                                                               24.0
                                                                     24.8
                                                                            23.9
                                                                                  26.2
                                                  22.0
                                                        20.8
   [57037]
            24.7
                  24.9
                         25.2
                               24.0
                                     23.1
                                            23.6
                                                               19.9
                                                                     19.1
                                                                            18.5
                                                                                  18.1
##
   [57049]
            17.8
                  17.3
                         16.8
                               16.3
                                     19.0
                                            21.5
                                                  23.7
                                                         25.4
                                                               26.6
                                                                     27.4
                                                                            27.5
                                                                                  27.9
   [57061]
                  27.8
                         27.3
                               26.6
                                     25.5
                                            23.9
                                                  21.7
                                                         20.5
                                                               19.3
                                                                     18.3
                                                                            17.3
##
            27.8
                                                                                  16.8
   [57073]
            16.6
                  16.3
                         15.9
                               17.6
                                     18.5
                                            20.0
                                                  22.0
                                                        23.5
                                                               24.7
                                                                     25.8
                                                                            26.7
                                                                                  27.3
   [57085]
            27.4
                  27.7
                         27.5
                               26.9
                                     25.8
                                            24.0
                                                  21.5
                                                         20.4
                                                               19.7
                                                                     19.1
                                                                            18.4
                                                                                  17.7
   [57097]
            17.0
                  16.9
                         16.8
                               16.6
                                     18.6
                                            20.9
                                                  22.9
                                                        24.5
                                                               25.8
                                                                     26.8
                                                                            27.7
                                                                                  28.3
##
   [57109]
            29.6
                  29.6
                         29.3
                               28.6
                                     27.5
                                            25.6
                                                  23.3
                                                        22.1
                                                               21.0
                                                                     19.9
                                                                            19.1
                                                                                  18.5
  [57121]
                  17.4
                         17.1
                               16.9
                                     20.0
                                            22.6
                                                  24.6
                                                        26.2
                                                               27.5
                                                                     28.6
                                                                            29.4
                                                                                  30.0
            18.1
  [57133]
            30.8
                  30.9
                         30.6
                               30.1
                                     29.0
                                            26.8
                                                  23.6
                                                        22.1
                                                               21.2
                                                                     20.4
                                                                           19.7
                                                                                  19.1
##
                               17.4
                                            23.1
  [57145]
            18.7
                  18.2
                         17.7
                                     20.2
                                                  25.3
                                                        27.4
                                                               28.8
                                                                     29.7
                                                                            30.7
                                                                                  31.7
  [57157]
            33.6
                  33.5
                         33.0
                               32.3
                                     31.1
                                            29.3
                                                  26.9
                                                        25.2
                                                               23.1
                                                                     22.1
                                                                            21.0
  [57169]
            19.7
                  19.3
                         18.9
                               18.7
                                     20.7
                                            24.2
                                                  26.7
                                                        28.5
                                                               30.1
                                                                     31.6
                                                                           32.4
                                                                                  32.8
##
   [57181]
            33.0
                  32.5
                         31.7
                               30.6
                                     29.2
                                            27.0
                                                  23.1
                                                        21.4
                                                               20.8
                                                                     20.9
                                                                            21.4
##
                                                                                  21.2
                         20.0
                               20.3
            20.8
                  20.6
                                     22.5
                                            24.3
                                                  26.3
                                                        28.0
                                                               29.2
                                                                     29.8
                                                                           30.0
                                                                                  29.9
##
   [57193]
   [57205]
            30.8
                  30.5
                         29.8
                               29.0
                                     27.8
                                            26.0
                                                  23.0
                                                        21.7
                                                               21.0
                                                                     20.6
                                                                            20.7
                                                                                  20.8
   [57217]
            20.6
                  21.2
                         20.3
                               20.4
                                     21.5
                                            23.6
                                                  25.6
                                                        27.2
                                                               27.2
                                                                     27.4
                                                                            27.6
                                                                                  27.9
##
            27.0
                                     27.6
                                                  22.9
                                                         21.8
                                                               20.7
                                                                            21.1
##
   [57229]
                  28.9
                         28.7
                               28.4
                                            26.1
                                                                     21.3
                                                                                  20.7
                               19.9
                                     20.5
                                                        26.9
                                                               28.4
                                                                            30.0
   [57241]
            20.8
                  20.6
                         20.2
                                            22.1
                                                  24.5
                                                                     29.3
                                                                                  30.6
##
   [57253]
            31.5
                  31.5
                         31.2
                               30.5
                                     29.5
                                            27.8
                                                  25.4
                                                         23.1
                                                               21.5
                                                                     20.9
                                                                            20.5
                                                                                  20.2
##
   [57265]
            20.0
                  19.9
                         19.7
                               19.6
                                     21.3
                                            24.4
                                                  26.9
                                                         28.3
                                                               29.2
                                                                     29.9
                                                                            30.5
                                                                                  31.1
##
   [57277]
            30.6
                  30.5
                         30.1
                               29.5
                                     28.5
                                            27.0
                                                  24.0
                                                        22.8
                                                               21.9
                                                                     21.1
                                                                            20.3
                                                                                  19.5
                                                  23.7
                                                               26.3
                                                                                  29.3
   [57289]
            18.8
                  18.4
                         18.2
                               18.0
                                     19.9
                                            22.1
                                                        25.1
                                                                     27.5
                                                                            28.5
   [57301]
            29.8
                  30.0
                         29.8
                               29.2
                                     28.3
                                            26.7
                                                  23.8
                                                        22.8
                                                               21.7
                                                                     20.9
                                                                            20.7
                                                                                  20.4
   [57313]
            20.2
                  20.8
                         20.8
                               20.3
                                     21.2
                                            22.6
                                                  23.5
                                                        21.9
                                                               21.4
                                                                     20.2
                                                                            20.9
                                                                                  23.5
  [57325]
            23.6
                  22.7
                         23.7
                               24.0
                                     23.6
                                            22.7
                                                  20.3
                                                        20.1
                                                               19.9
                                                                     19.7
                                                                            19.4
                                                                                  19.3
##
  [57337]
            19.4
                  19.5
                         19.3
                               19.0
                                     20.4
                                            22.3
                                                  23.9
                                                        25.6
                                                               27.5
                                                                     29.1
                                                                            29.8
                                                                                  30.1
  [57349]
            30.3
                  30.4
                         29.6
                               27.9
                                     26.8
                                            25.2
                                                  22.9
                                                        22.8
                                                               22.6
                                                                     22.0
                                                                            21.5
                                                                                  21.2
##
   [57361]
            21.7
                  21.8
                         21.1
                               20.2
                                     21.5
                                            24.4
                                                  26.8
                                                        28.2
                                                               29.1
                                                                     29.9
                                                                            30.4
                                                                                  30.4
##
                                            25.3
                                                  24.4
                                                        24.6
                                                               23.2
            30.6
                  30.6
                         30.0
                               28.7
                                     27.0
                                                                     22.8
                                                                            22.1
                                                                                  21.3
##
   [57373]
   [57385]
                  19.6
                         19.5
                               19.0
                                     21.1
                                            23.9
                                                  25.4
                                                        26.6
                                                               27.6
                                                                     28.5
            20.4
                                                                            27.2
   [57397]
            27.3
                  27.2
                         27.0
                               27.0
                                     26.4
                                            24.8
                                                  22.4
                                                        21.5
                                                               21.0
                                                                     20.5
                                                                           20.2
                                                                                  19.9
   [57409]
                               18.1
                                            22.6
                                                  24.6
                                                        26.5
                                                               28.0
                                                                            28.6
            19.5
                  18.8
                         18.4
                                     20.1
                                                                     26.4
                                                                                  27.0
            30.5
                  30.5
                         30.5
                               29.8
                                     27.8
                                            26.2
                                                  24.0
                                                        23.2
                                                               22.3
                                                                            21.0
##
   [57421]
                                                                     21.7
                                                                                  20.3
   [57433]
                                                  25.8
                                                        27.5
                                                               28.5
                                                                     29.3
            20.0
                  20.1
                         20.2
                               19.9
                                     21.1
                                            23.5
                                                                            30.1
                                                                                  30.8
                                                        23.6
                                                               22.9
                                                                     22.6
   [57445]
            31.0
                  31.3
                         31.2
                               30.7
                                     29.7
                                            28.1
                                                  24.9
                                                                            21.9
                                                                                  21.0
                                                        27.9
##
   [57457]
            20.4
                  19.8
                         19.3
                               18.6
                                     20.4
                                            23.7
                                                  26.4
                                                               29.0
                                                                     29.7
                                                                            30.3
                                                                                  30.8
   [57469]
                                     29.6
                                            27.6
                                                  24.7
                                                        23.9
                                                               23.1
                                                                     22.3
                                                                            21.3
                                                                                  20.4
            31.6
                  31.6
                         31.4
                               30.8
  [57481]
            19.8
                  19.5
                         19.2
                               19.2
                                     20.9
                                            23.1
                                                  24.8
                                                        26.0
                                                               26.5
                                                                     27.8
                                                                            30.0
                                                                                  31.0
                               28.3
                                     27.4
                                            25.5
                                                        22.3
                                                               22.1
                                                                            21.5
## [57493]
            32.0
                  31.8
                         29.7
                                                  23.2
                                                                     21.7
                                                                                  21.3
## [57505]
            21.2
                  21.2
                         21.2
                               21.2
                                     21.1
                                            21.8
                                                  22.4
                                                        23.7
                                                               26.0
                                                                     26.0
                                                                            27.7
                                                                                  28.3
                                                        22.6
## [57517]
            29.7
                  29.7
                         29.5
                               29.0
                                     28.2
                                            26.4
                                                  23.3
                                                               22.5
                                                                     22.0
                                                                           21.5
                                                                                  20.7
## [57529]
            20.2
                  19.8
                         19.6
                               19.4
                                     21.3
                                            24.0
                                                  25.8
                                                        26.9
                                                               27.8
                                                                     28.8
                                                                           29.3
                                                                                  29.6
                                            26.2 24.2
                                                        23.5 22.9 21.7 20.9
## [57541]
            30.0
                  29.8
                         29.3 28.8
                                    27.8
                                                                                 20.5
```

```
## [57553]
            20.3
                  20.1
                        20.0 20.0
                                     21.7 24.5 26.5
                                                        28.1
                                                               29.6 30.9
   [57565]
            31.7
                  31.6
                         31.0
                               30.2
                                     29.4
                                           27.8
                                                  25.6
                                                        24.6
                                                               23.2
                                                                     22.4
                                                                           22.0
                                                                                  21.5
                  20.2
                                     21.1
                                                        26.5
   [57577]
            20.6
                         19.9
                               19.6
                                           23.1
                                                  24.8
                                                               28.1
                                                                     29.4
                                                                           30.3
                                                                                  30.9
                                            28.7
                                                  25.8
                                                               23.9
                                                                     23.1
  [57589]
            32.1
                  32.1
                         31.8
                               31.2
                                     30.4
                                                        24.8
                                                                           22.5
                                                                                  21.8
   [57601]
            21.1
                  20.5
                         20.2
                               20.0
                                     21.4
                                            23.6
                                                  25.6
                                                        27.3
                                                               28.4
                                                                     29.5
                                                                           30.6
                                                                                  31.5
   [57613]
            32.6
                  32.4
                         32.2
                               31.8
                                     30.9
                                            28.8
                                                  26.3
                                                        25.2
                                                               24.3
                                                                     23.4
                                                                           22.5
                                                                                  21.8
##
                                     21.7
                                            22.7
                                                  23.6
                                                        24.9
                                                               26.1
                                                                     27.3
                                                                           28.7
   [57625]
            21.4
                  21.4
                         21.6
                               21.4
                  33.0
                         32.6
                                            28.0
                                                  25.9
                                                        25.1
                                                               24.7
                                                                     24.3
                                                                           23.3
   [57637]
            33.1
                               31.7
                                     30.3
                                                                                  22.3
##
   [57649]
            21.4
                  20.8
                         20.5
                               20.5
                                     21.9
                                            23.0
                                                  23.9
                                                        25.1
                                                               26.3
                                                                     27.6
                                                                           28.6
                                                                                  29.8
            30.9
                               30.4
                                     29.4
                                            27.5
                                                  24.9
                                                        23.7
                                                               22.8
                                                                     22.1
##
   [57661]
                  31.2
                         31.0
                                                                           21.6
                                                                                  21.1
                                            22.6
   [57673]
            20.5
                  20.1
                         19.7
                               19.3
                                     20.5
                                                  24.7
                                                        26.5
                                                               27.7
                                                                     28.6
                                                                           29.4
                                     29.6
                                            27.4
                                                        24.6
                                                               23.7
                                                                     22.8
   [57685]
            31.5
                  31.8
                         31.7
                               31.0
                                                  25.5
                                                                           22.1
                                                                                  21.5
##
   [57697]
            21.0
                  20.7
                         20.7
                               21.3
                                     21.9
                                            23.2
                                                  24.1
                                                        25.0
                                                               25.7
                                                                     26.8
                                                                           28.1
                                                                                  29.3
   [57709]
            31.5
                  31.9
                         31.7
                               31.0
                                     29.7
                                            27.6
                                                  25.4
                                                        24.6
                                                               23.7
                                                                     24.2
                                                                           23.4
##
                                                                                  23.1
            23.1
   [57721]
                  23.1
                         22.5
                               22.1
                                     22.4
                                            22.8
                                                  22.5
                                                        23.0
                                                               23.7
                                                                     23.5
                                                                           24.1
                                                                                  24.6
   [57733]
            27.4
                  26.8
                         26.5
                               26.1
                                     25.8
                                            25.1
                                                  23.8
                                                        23.2
                                                               22.9
                                                                     22.7
                                                                           23.2
                                                                                  22.8
   [57745]
            22.5
                  22.0
                         21.6
                               21.4
                                     22.5
                                            24.9
                                                  26.0
                                                        27.2
                                                               28.7
                                                                     30.2
                                                                           31.1
##
                                                                                  31.8
   [57757]
            31.8
                  30.7
                         30.1
                               29.7
                                     28.9
                                            27.2
                                                  25.3
                                                        24.8
                                                               24.2
                                                                     24.1
                                                                           23.7
                                                                                  23.1
   [57769]
            22.4
                  22.2
                         22.0
                               22.3
                                     24.0
                                            25.8
                                                  27.6
                                                        29.0
                                                               30.4
                                                                     31.7
                                                                           32.6
                                                                                  33.3
   [57781]
            33.7
                  33.5
                         32.3
                               30.5
                                     29.1
                                            26.7
                                                  25.6
                                                        24.6
                                                               23.7
                                                                     23.3
                                                                           22.5
                                                                                  21.5
                         21.0
                                     21.6
##
  [57793]
            20.8
                  20.7
                               20.9
                                            24.4
                                                  27.0
                                                        29.0
                                                               30.6
                                                                     32.1
                                                                           32.8
                                                                                  33.4
  [57805]
            34.3
                  34.5
                         33.9
                               31.9
                                     30.2
                                            28.2
                                                  25.7
                                                        24.6
                                                               24.1
                                                                     23.6
                                                                           22.6
                                                               27.7
   [57817]
            21.3
                  20.9
                         20.9
                               20.9
                                     22.1
                                            23.3
                                                  25.0
                                                        26.5
                                                                     29.0
                                                                           30.2
                                                                                  30.9
##
   Γ578291
            31.4
                  31.4
                               30.1
                                     28.7
                                            26.8
                                                  25.1
                                                        24.4
                                                               24.3
                                                                     23.4
                                                                           23.0
##
                         31.0
                                                                                  22.7
                                                                     27.2
            22.7
                         22.3
                               22.0
                                     22.8
                                            24.0
                                                  25.7
                                                        27.7
                                                               27.8
                                                                           28.3
                                                                                  28.6
##
   [57841]
                  22.7
                                                  23.2
                                                        22.5
   [57853]
            28.5
                  28.7
                         28.2
                               27.1
                                     26.2
                                            24.7
                                                               21.9
                                                                     21.5
                                                                           21.3
                                                                                  21.5
   [57865]
            21.2
                  21.0
                         20.8
                               20.5
                                     21.1
                                            23.7
                                                  25.6
                                                        27.0
                                                               28.2
                                                                     29.0
                                                                           29.7
                                                                                  30.5
   [57877]
            28.3
                  28.3
                               27.7
                                      27.1
                                            25.8
                                                  25.1
                                                        24.5
                                                               23.4
                                                                     22.8
                                                                           22.7
##
                         28.0
                                                                                  22.8
                                     20.6
                                                  25.5
                                                        27.0
                                                               28.1
                                                                     28.7
                                                                           29.2
   [57889]
            22.4
                  21.6
                         20.9
                               19.6
                                            23.6
                                                                                  29.6
##
   [57901]
            30.2
                  30.4
                         30.5
                               30.0
                                     28.0
                                            25.9
                                                  24.3
                                                        24.1
                                                               24.0
                                                                     23.6
                                                                           23.2
                                                                                  23.2
##
   [57913]
            22.5
                  22.2
                         21.7
                               21.1
                                     21.0
                                            23.7
                                                  26.0
                                                        28.1
                                                               29.4
                                                                     30.5
                                                                           31.2
                                                                                  31.7
##
   [57925]
            32.1
                  32.1
                         31.8
                               31.1
                                     29.9
                                            27.5
                                                  25.2
                                                        24.0
                                                               23.1
                                                                     22.3
                                                                           21.7
                                                                                  21.2
                                            23.6
                                                  25.8
                                                        27.6
                                                               29.1
   [57937]
            20.9
                  20.5
                         20.3
                               20.2
                                     21.0
                                                                     30.2
                                                                           31.1
                                                                                  31.7
   [57949]
            32.5
                  32.6
                         32.4
                               31.8
                                     30.8
                                            28.1
                                                  25.9
                                                        24.8
                                                               23.9
                                                                     23.1
                                                                           22.4
                                                                                  21.9
   [57961]
            21.5
                  21.3
                         21.2
                               21.1
                                     21.5
                                            23.5
                                                  25.3
                                                        26.8
                                                               28.0
                                                                     29.4
                                                                           30.7
                                                                                  31.4
   [57973]
            32.6
                  32.9
                         32.6
                               31.7
                                     30.6
                                            27.8
                                                  25.5
                                                        24.3
                                                               23.5
                                                                     22.7
                                                                           22.1
##
                                                                                  21.6
   [57985]
            21.2
                  21.0
                         20.8
                               20.6
                                     21.3
                                            23.6
                                                  25.6
                                                        27.1
                                                               28.2
                                                                     29.2
                                                                           30.1
                                                                                  30.8
   [57997]
            31.8
                  31.8
                         31.3
                               30.4
                                     29.0
                                            26.7
                                                  25.3
                                                        24.3
                                                               23.4
                                                                     22.7
                                                                           21.9
                                                                                  21.3
   [58009]
            20.9
                  20.6
                         20.3
                               20.1
                                     21.7
                                            23.5
                                                  24.8
                                                        26.0
                                                               27.0
                                                                     28.4
                                                                           29.8
                                                                                  30.7
##
                                                  25.4
                                                        24.2
                                                               23.0
                                                                     22.2
   [58021]
            31.3
                  31.6
                         31.5
                               30.7
                                     29.4
                                           27.2
                                                                           21.5
                                                                                  21.2
##
   [58033]
                  21.5
                         21.3
                               21.2
                                     21.4
                                            22.4
                                                  24.1
                                                        26.0
                                                               27.3
                                                                     28.7
                                                                           30.5
            21.6
   [58045]
            33.3
                  33.9
                         33.7
                               32.7
                                     31.3
                                            28.8
                                                  27.0
                                                        25.7
                                                               24.8
                                                                     24.2
                                                                           23.4
                                                                                  22.8
   [58057]
                               23.3
                                     23.6
                                            26.2
                                                  29.7
                                                        31.8
                                                               33.1
                                                                     34.2
                                                                           35.2
            22.3
                  24.1
                         23.6
                                                                                  35.9
   [58069]
            36.5
                  36.2
                         35.5
                               34.3
                                     33.0
                                            30.8
                                                  28.9
                                                        27.3
                                                               25.7
                                                                     24.3
                                                                           23.6
##
                                                                                  22.7
   [58081]
                                                  25.7
                                                        27.3
                                                               28.5
                                                                     29.7
            22.1
                  22.0
                         21.7
                               21.1
                                     21.3
                                            23.8
                                                                           31.1
                                                                                  31.8
                                                        19.4
                                                                     17.9
   [58093]
            31.4
                  28.7
                         25.6
                               23.0
                                     21.7
                                            19.9
                                                  19.1
                                                               18.9
                                                                           17.5
                                                                                  17.4
##
                                                        23.7
##
   [58105]
            18.6
                  17.3
                         16.6
                               16.2
                                     17.0
                                            19.7
                                                  21.7
                                                               25.4
                                                                     26.6
                                                                           27.7
                                                                                  28.3
   [58117]
                  27.4
                         26.4
                               25.7
                                     24.7
                                            22.8
                                                  21.6
                                                        20.9
                                                               20.1
                                                                     19.4
                                                                           18.8
                                                                                  18.2
##
            27.8
   [58129]
            17.8
                  17.4
                         17.0
                               16.7
                                     17.5
                                            20.7
                                                  23.1
                                                        24.6
                                                               25.7
                                                                     26.6
                                                                           27.3
                                                                                  27.9
                         27.5
                                     25.3
                                                  22.0
                                                        21.2
                                                                     20.1
   [58141]
            28.1
                  27.9
                               26.7
                                            23.1
                                                               20.7
                                                                           19.1
                                                                                  18.5
  [58153]
            18.2
                  18.0
                         17.8
                               17.5
                                     17.9
                                            21.0
                                                  23.0
                                                        24.5
                                                               25.8
                                                                     26.7
                                                                           27.6
                                                                                  28.3
##
                                     27.8
                                                        22.1
## [58165]
            29.1
                  29.3
                         29.1
                               28.7
                                           24.4
                                                  23.2
                                                               21.1
                                                                     20.6
                                                                          20.3
                                                                                 20.2
## [58177]
            19.9
                  20.6
                         20.8
                               20.8
                                     20.7
                                            22.4
                                                  24.7
                                                        26.7
                                                               28.3
                                                                     29.7
                                                                           31.0
                                                                                  31.9
                                           28.1
## [58189]
            33.5
                  33.5
                        33.1 32.2
                                     30.9
                                                  26.3
                                                        24.4 23.2 23.1 23.0
                                                                                 22.4
```

```
## [58201]
            21.9
                   21.8
                         21.6
                              21.3
                                      21.5
                                            24.5
                                                   28.0
                                                         30.6
                                                                32.2
                                                                      33.4
                                                                             34.3
   「58213]
            34.3
                   34.2
                         33.4
                               32.2
                                      30.9
                                            27.7
                                                   26.2
                                                         25.3
                                                                24.6
                                                                      23.9
                                                                             23.0
                                                                                   22.4
   [58225]
                   21.3
                               20.8
                                      21.2
            21.8
                         20.9
                                            23.4
                                                   25.4
                                                         26.9
                                                                28.1
                                                                      29.3
                                                                             30.1
                                            26.0
                                                   24.8
                                                                23.5
                                                                      23.0
   [58237]
            31.7
                   31.5
                         31.0
                               30.2
                                      28.5
                                                         24.0
                                                                             22.4
                                                                                   21.9
##
   [58249]
            21.5
                   21.2
                         21.2
                                21.8
                                      21.9
                                            23.3
                                                   24.4
                                                         25.9
                                                                27.5
                                                                      29.2
                                                                             31.0
                                                                                   32.7
   [58261]
            35.0
                   34.9
                         33.8
                               32.5
                                      30.9
                                            27.9
                                                   26.8
                                                         25.6
                                                                23.9
                                                                      23.2
                                                                             23.0
                                                                                   22.5
##
                                      21.0
                                            23.5
                                                   25.0
                                                         25.9
                                                                27.0
                                                                      28.3
                                                                             29.0
   [58273]
            21.8
                   21.7
                         21.5
                                21.0
                         29.4
                                28.3
                                                   23.7
                                                         23.0
                                                                22.4
##
   [58285]
            30.0
                   30.0
                                      26.6
                                            24.5
                                                                      21.8
                                                                             21.3
                                                                                   21.0
##
   [58297]
            20.7
                   20.2
                         19.8
                                19.7
                                      19.9
                                            22.2
                                                   24.2
                                                         25.8
                                                                26.9
                                                                      28.0
                                                                             28.7
                                                                                   29.2
            29.5
                                                   23.5
                                                         22.4
                                                                      20.8
                                                                             20.1
##
   [58309]
                   29.7
                         29.4
                                28.6
                                      27.3
                                            24.9
                                                                21.5
                                                                                   19.9
                                            22.3
   [58321]
            19.6
                   19.3
                         18.9
                                19.4
                                      20.6
                                                   24.1
                                                         26.2
                                                                27.8
                                                                      29.2
                                                                             30.4
                                                                                   31.3
                                            27.2
                                                                22.4
   [58333]
            31.9
                   32.3
                         32.2
                                31.6
                                      30.3
                                                   25.5
                                                         23.6
                                                                      21.9
                                                                             21.6
                                                                                   21.1
##
##
   [58345]
            21.1
                   21.1
                         20.9
                                20.8
                                      20.7
                                            24.0
                                                   26.7
                                                         28.3
                                                                29.6
                                                                      31.0
                                                                             32.3
                                                                                   33.2
            31.3
                   31.2
                         30.5
                                29.0
                                      26.7
                                            24.3
                                                   23.3
                                                         22.7
                                                                21.9
                                                                      21.4
                                                                             21.1
##
   [58357]
                                                                                   21.0
   [58369]
            21.0
                   20.8
                         20.5
                                20.1
                                      20.1
                                            21.9
                                                   23.5
                                                         24.5
                                                                25.4
                                                                      26.3
                                                                             26.7
                                                                                   26.9
##
   [58381]
            27.1
                   26.9
                         26.2
                                25.2
                                      23.9
                                            22.0
                                                   21.5
                                                         21.0
                                                                20.4
                                                                      20.0
                                                                             19.6
                                                                                   19.1
   [58393]
                   18.3
                                17.8
                                      17.8
                                            20.1
                                                   22.2
                                                         24.2
                                                                25.4
                                                                      26.5
                                                                             27.3
##
            18.7
                         18.1
                                                                                   27.4
   [58405]
            26.7
                   27.2
                         26.5
                                25.5
                                      24.3
                                            22.7
                                                   22.2
                                                         21.8
                                                                21.1
                                                                      20.3
                                                                             19.8
   [58417]
                   18.7
                         18.9
                                18.0
                                      17.9
                                            20.1
                                                   22.2
                                                         24.4
                                                                26.2
                                                                      27.5
                                                                             28.6
                                                                                   28.2
            19.1
   [58429]
            28.0
                   27.4
                         27.1
                                26.2
                                      24.6
                                            22.7
                                                   22.0
                                                         21.3
                                                                20.5
                                                                      19.5
                                                                             19.0
                                                                                   18.7
                   19.4
                         19.9
##
   [58441]
            18.4
                                18.0
                                      18.0
                                            20.8
                                                   22.6
                                                         24.1
                                                                25.4
                                                                      26.4
                                                                             27.2
                                                                                   28.0
   [58453]
            28.4
                   28.6
                         28.5
                                27.7
                                      26.2
                                            23.7
                                                   22.5
                                                         22.0
                                                                21.1
                                                                      20.6
                                                                             20.4
            20.1
                                                                27.2
   [58465]
                   20.2
                         19.9
                                19.6
                                      19.4
                                            21.7
                                                   23.6
                                                         25.6
                                                                      28.3
                                                                             29.3
                                                                                   29.9
##
            29.3
                   29.5
                         29.3
                                28.5
                                      27.0
                                            24.5
                                                   23.3
                                                         22.4
                                                                22.1
                                                                      21.4
                                                                             20.8
##
   Γ584771
                                                                                   20.1
            20.3
                                      21.6
                                            21.8
                                                   22.5
                                                         22.5
                                                                22.8
                                                                      23.9
                                                                             24.5
                                                                                   25.7
##
   [58489]
                   21.4
                         22.0
                                21.6
   [58501]
            30.0
                   29.4
                         28.8
                                27.4
                                      25.4
                                            24.2
                                                   22.9
                                                         23.4
                                                                22.7
                                                                      21.9
                                                                             21.0
                                                                                   20.7
   [58513]
            20.9
                   21.5
                         21.3
                                21.4
                                      21.7
                                            22.8
                                                   24.4
                                                         25.7
                                                                26.3
                                                                      25.9
                                                                             25.5
                                                                                   25.3
##
                                27.4
                                            23.6
                                                   22.1
                                                         21.2
                                                                20.9
##
   [58525]
            27.3
                   28.2
                         28.0
                                      26.4
                                                                      20.8
                                                                             20.5
                                                                                   20.0
                                                         24.4
                                                                25.1
   [58537]
            19.5
                   19.7
                         20.2
                                20.4
                                      20.4
                                            21.8
                                                   23.3
                                                                      24.1
                                                                             26.0
                                                                                   26.5
##
   [58549]
            26.1
                   26.0
                         25.6
                                25.9
                                      24.7
                                            22.3
                                                   21.8
                                                         21.1
                                                                20.8
                                                                      21.2
                                                                             20.0
                                                                                   19.4
##
   [58561]
            19.1
                   19.1
                         19.3
                                20.8
                                      20.8
                                            21.7
                                                   22.1
                                                         22.6
                                                                22.9
                                                                      23.2
                                                                             24.4
                                                                                   24.7
##
   [58573]
            26.5
                   26.1
                         25.3
                                25.3
                                      23.9
                                            21.8
                                                   21.1
                                                         21.1
                                                                20.6
                                                                      20.0
                                                                             19.5
                                                                                   19.1
                                                                             22.4
##
   [58585]
            19.7
                   19.7
                         19.0
                                19.9
                                      19.5
                                            20.9
                                                   21.0
                                                         21.6
                                                                21.9
                                                                      22.2
                                                                                   22.6
                                                                21.9
   [58597]
                   24.3
                         24.2
                                24.1
                                      23.7
                                            22.5
                                                   22.3
                                                         22.3
                                                                      21.3
                                                                             20.9
##
            25.6
                                                                                   20.7
   [58609]
            19.9
                   19.4
                         19.1
                                18.8
                                      18.2
                                            21.1
                                                   23.5
                                                         25.2
                                                                26.0
                                                                      26.9
                                                                             27.7
                                                                                   28.3
   [58621]
            26.8
                   26.9
                         26.6
                               26.0
                                      24.8
                                            23.0
                                                   22.2
                                                         21.7
                                                                21.5
                                                                      21.1
                                                                             20.9
##
                                                                                   20.6
   [58633]
            20.3
                   20.0
                         19.7
                                19.2
                                      18.5
                                            20.3
                                                   23.2
                                                         25.1
                                                                26.3
                                                                      27.3
                                                                             27.9
                                                                                   28.2
   [58645]
            27.7
                   27.9
                         27.7
                                26.8
                                      25.3
                                            23.3
                                                   22.9
                                                         22.5
                                                                21.9
                                                                      20.9
                                                                             20.1
                                                                                   19.4
##
   [58657]
            18.7
                   18.2
                         17.8
                                17.5
                                      17.3
                                            19.8
                                                   22.4
                                                         24.4
                                                                26.0
                                                                      27.0
                                                                             27.7
                                                                                   28.1
##
                                                         20.0
   [58669]
                   27.6
                         27.2
                                26.3
                                      24.8
                                            22.5
                                                   21.1
                                                                19.4
                                                                      18.7
                                                                             18.2
                                                                                   17.9
##
            27.7
                                                         23.6
                                16.9
                                      16.7
                                            19.4
                                                   22.0
                                                                24.6
                                                                      25.4
   [58681]
            17.6
                   17.3
                         17.1
                                                                             25.9
   [58693]
            27.2
                   27.0
                         26.6
                                25.7
                                      24.0
                                            21.6
                                                   20.9
                                                         20.4
                                                                19.8
                                                                      19.2
                                                                            18.7
                                                                                   18.5
##
                                17.6
                                                   21.6
                                                         23.1
##
   [58705]
            18.1
                   17.8
                         17.6
                                      18.1
                                            19.9
                                                                24.4
                                                                      25.4
                                                                             26.3
                                                                                   26.8
                   28.4
                                      25.0
                                                         21.0
                                                                20.6
                                                                      20.2
                                                                            19.6
##
   [58717]
            28.4
                         27.9
                                26.7
                                            22.7
                                                   21.8
                                                                                   19.3
                                      18.5
                                            20.6
                                                         23.8
                                                                25.3
                                                                      26.1
   [58729]
            19.0
                   18.8
                         18.7
                                18.6
                                                   22.4
                                                                             26.8
                                                                                   27.3
            27.5
                   27.4
                         27.0
                                                   22.0
                                                         21.1
                                                                20.4
   [58741]
                                26.1
                                      24.6
                                            22.9
                                                                      19.8
                                                                             19.3
                                                                                   18.7
##
##
   [58753]
            18.2
                   17.8
                         17.4
                                17.2
                                      17.1
                                            19.6
                                                   21.9
                                                         23.2
                                                                24.1
                                                                      24.7
                                                                             25.3
                                                                                   26.0
   [58765]
                   26.2
                         25.7
                                      23.3
                                            21.8
                                                   21.2
                                                         20.6
                                                                20.1
                                                                      19.6
                                                                             18.9
                                                                                   18.5
##
            26.4
                                24.8
            18.1
                   17.9
   [58777]
                         17.9
                                18.0
                                      17.9
                                            19.9
                                                   21.8
                                                         22.9
                                                                23.5
                                                                      24.2
                                                                             24.8
                                                                                   25.3
                                      23.2
   [58789]
            26.5
                   26.5
                         25.8
                                24.8
                                            21.8
                                                   21.1
                                                         20.5
                                                                20.1
                                                                      19.5
                                                                             18.9
                                                                                   19.3
   [58801]
            18.1
                   17.3
                         16.9
                                16.6
                                      16.4
                                            19.0
                                                   21.5
                                                         23.1
                                                                23.9
                                                                      24.7
                                                                             25.4
##
                                                                                   26.0
                                      22.3
                                                                             18.9
  [58813]
            25.9
                   25.6
                         24.9
                                23.8
                                            21.1
                                                  21.0
                                                         20.2
                                                                19.7
                                                                      19.2
## [58825]
            19.1
                   19.4
                         19.2
                               18.5
                                      17.6
                                            19.1
                                                   20.8
                                                         21.5
                                                                22.7
                                                                      22.8
                                                                             24.4
                                                                                   24.9
                                      21.0
## [58837]
            23.0
                   23.0
                         22.6
                               22.5
                                            19.6
                                                  19.1 18.8 18.1 17.4 16.9
                                                                                  16.5
```

```
## [58849]
            16.2 15.9 15.7 15.5 15.5
                                          17.7 19.6
                                                       21.0 22.0 21.7
   Γ58861]
            23.6
                  23.3
                        23.4
                              22.6
                                     21.4
                                           20.5
                                                 18.7
                                                       17.9
                                                             17.7
                                                                    17.7
                                                                          16.7
                                                                                16.0
  [58873]
                                                       20.5
                                                                    22.9
                                                                          24.0
            15.4
                  15.0
                        14.6
                              14.3
                                     13.9
                                           16.2
                                                 18.8
                                                              21.7
                                                                                24.6
                               22.6
                                                 18.2
                                                       17.3
                                                              16.5
                                                                    16.2
  [58885]
            25.1
                  25.0
                        24.1
                                     20.8
                                           19.1
                                                                          16.0
                                                                                15.7
   [58897]
            15.4
                  15.2
                        14.9
                               14.6
                                     14.3
                                           16.0
                                                 19.0
                                                       20.7
                                                              22.3
                                                                    23.4
                                                                          24.1
                                                                                 24.7
  [58909]
            24.6
                  24.7
                        24.2
                              23.3
                                     21.3
                                           19.2
                                                 18.5
                                                       18.8
                                                              18.2
                                                                    18.3
                                                                          18.2
##
                                                                                18.3
                        17.8
                              17.9
                                     18.0
                                                 21.9
                                                       23.1
                                                              24.5
                                                                    25.8
  [58921]
            18.1
                  17.8
                                           18.7
                                                                          25.1
            27.5
                  27.4
                        26.9
                                     23.8
                                           22.1
                                                 21.4
                                                       20.4
                                                              19.6
                                                                    19.0
##
  [58933]
                               25.9
                                                                          18.9
                                                                                19.1
##
   [58945]
            19.1
                  18.7
                        18.2
                               17.9
                                     17.8
                                           19.3
                                                 22.3
                                                       24.6
                                                              26.3
                                                                    27.4
                                                                          27.9
                                                                                 27.7
                  28.0
                               25.6
                                     23.7
                                           22.3
                                                 21.9
                                                       21.5
                                                              21.0
                                                                          20.9
                                                                                20.6
##
   [58957]
            28.3
                        27.0
                                                                    21.0
   [58969]
            20.4
                  20.3
                        21.2
                               21.2
                                     21.1
                                           22.4
                                                 24.7
                                                        26.5
                                                              28.0
                                                                    27.4
                                                                          29.2
                                                                                25.2
   [58981]
            28.0
                  19.1
                        20.1
                               18.9
                                     18.4
                                           17.7
                                                 17.6
                                                       16.4
                                                              15.1
                                                                    13.7
                                                                          12.9
                                                                                12.5
##
   [58993]
            12.0
                  11.4
                        11.0
                              10.4
                                     10.0
                                           12.4
                                                 15.7
                                                        17.6
                                                              19.1
                                                                    20.3
                                                                          21.2
                                                                                21.8
   [59005]
                               20.4
                                           16.9
                                                 15.9
                                                        15.1
                                                              14.5
                                                                    14.0
                                                                          13.5
##
            20.8
                  21.1
                        21.1
                                     18.4
                                                                                13.2
   [59017]
            13.0
                  12.7
                        12.5
                               12.3
                                     12.2
                                           13.8
                                                 16.8
                                                       19.1
                                                              20.4
                                                                    21.4
                                                                          22.5
                                                                                23.2
   [59029]
            24.2
                  24.1
                        23.6
                               22.7
                                     20.1
                                           17.8
                                                 16.5
                                                       16.4
                                                              16.0
                                                                    15.9
                                                                          15.8
                                                                                15.9
   [59041]
            15.5
                  16.3
                        16.3
                              16.2
                                     16.3
                                           17.7
                                                 19.6
                                                       21.3
                                                              22.3
                                                                    23.7
                                                                          23.7
                                                                                21.5
##
   [59053]
            16.8
                  16.2
                        15.6
                              14.6
                                     14.0
                                           13.7
                                                 13.6
                                                       13.2
                                                              12.5
                                                                    12.4
                                                                          12.2
                                                                                12.2
  [59065]
                  12.4
                        12.2
                              11.7
                                     11.8
                                           11.9
                                                 12.0
                                                       12.2
                                                              12.7
                                                                    13.0
                                                                          13.8
                                                                                14.6
            12.3
  [59077]
            12.3
                  13.9
                        15.1
                               13.8
                                     13.3
                                           13.3
                                                 13.6
                                                       13.6
                                                              13.8
                                                                    13.7
                                                                          13.3
                                                                                13.2
                  13.4
                        13.4
                                     13.4
                                                                          20.6
## [59089]
            13.4
                              13.2
                                           13.8
                                                 14.8
                                                       16.4
                                                              18.0
                                                                    19.5
                                                                                21.3
  [59101]
            20.5
                  20.1
                        20.7
                               19.9
                                     18.1
                                           16.8
                                                 15.6
                                                       14.7
                                                              14.2
                                                                    14.1
                                                                          14.0
            13.4
  [59113]
                  12.8
                        12.3
                              11.9
                                     11.7
                                           13.4
                                                 15.8 17.9
                                                              19.4
                                                                    20.6
                                                                          21.3
                                                                                21.8
##
   [59125]
            22.4
                  21.9
                        20.9
                              19.7
                                     18.0
                                           17.0
                                                 16.1
                                                       15.2
                                                              14.4
                                                                    13.7
##
                                                                          13.3
                                                                                13.0
            13.0
                  12.8 12.3
                              11.8
                                                 16.3
                                                       18.4
                                                              19.4
                                                                    20.2
                                                                          20.8
                                                                                21.2
##
  [59137]
                                     11.5
                                           13.2
  [59149]
            21.2
                  21.1
                        20.6
                              19.6
                                     16.7
                                           15.6
                                                 15.1
                                                       14.2
                                                              13.6
                                                                    13.3
                                                                          13.1
  [59161]
            12.8
                  12.5
                        12.3
                              12.3
                                     12.3
                                           13.9
                                                 16.9
                                                       18.7
                                                              20.1
                                                                    21.3
                                                                          22.1
                                                                                22.8
            23.6
                               21.8
                                     19.0
                                           17.7
                                                 16.9
                                                       16.3
##
   [59173]
                  23.4
                        22.9
                                                              15.8
                                                                    15.5
                                                                          15.0
                                                                                15.0
  [59185]
            14.9
                  14.6
                        14.3
                              14.1
                                     14.0
                                           15.8
                                                17.9
                                                       19.6
                                                              20.7
                                                                    20.9
                                                                          21.3
                                                                                21.7
##
   [59197]
            22.4
                  22.3
                        21.7
                               20.3
                                     18.3
                                           17.6
                                                 17.2
                                                       16.8
                                                              16.5
                                                                    16.1
                                                                          15.8
                                                                                15.4
##
   [59209]
            15.1
                  14.9
                        15.7
                               14.8
                                     14.7
                                           15.3
                                                 16.8
                                                       18.2
                                                              18.9
                                                                    18.9
                                                                          19.9
                                                                                 20.2
##
   [59221]
            19.2
                  19.4
                        18.8
                              17.8
                                     16.4
                                           16.2
                                                 15.7
                                                        15.1
                                                              14.5
                                                                    14.2
                                                                          15.6
                                                                                14.0
  [59233]
            13.6
                  13.3
                        13.6
                               12.8
                                     12.2
                                           13.0
                                                 14.8
                                                       16.8
                                                              18.4
                                                                    19.7
                                                                          20.7
                                                                                 20.8
                        18.8
                                                 15.5
                                                       14.8
                                                              14.1
  [59245]
            19.5
                  19.5
                              18.1
                                     17.3
                                           17.1
                                                                    13.6
                                                                                12.9
                                                                          13.3
   [59257]
            12.6
                  12.4
                        12.3
                               11.9
                                     11.6
                                           12.9
                                                 15.5
                                                       17.4
                                                              18.7
                                                                    19.4
                                                                          19.5
                                                                                19.8
  [59269]
            20.1
                  20.0
                        19.6
                              18.8
                                     17.7
                                           17.4 17.2
                                                       16.7
                                                              16.3
                                                                    16.0
                                                                          15.2
##
                                                                                15.1
  [59281]
            15.2
                  14.2
                        13.7
                               14.1
                                     14.1
                                           15.0
                                                 16.6
                                                       18.5
                                                              19.7
                                                                    20.5
                                                                          20.5
  [59293]
            21.3
                  21.4
                        20.8
                              19.4
                                     17.4
                                           17.6
                                                 17.1
                                                       16.9
                                                              16.7
                                                                    16.6
                                                                          15.9
                                                                                15.4
   [59305]
            14.6
                  14.0
                        13.6
                               13.4
                                     13.3
                                           15.0
                                                 18.1
                                                       20.7
                                                              22.4
                                                                    23.5
                                                                          24.4
                                                                                24.9
##
            26.7
                                           20.2 20.0
  [59317]
                  26.3
                        25.4
                              23.9
                                     21.7
                                                       19.1
                                                              18.5
                                                                    18.1
                                                                          17.8
                                                                                17.4
##
                                                       18.9
  [59329]
                  16.8
                        16.7
                               16.8
                                     16.8
                                           17.1
                                                 18.0
                                                              19.7
                                                                    20.7
            17.0
                                                                          21.3
  [59341]
            23.2
                  22.7
                        22.0
                               20.7
                                     18.8
                                           17.9
                                                 17.2 16.7
                                                              16.2
                                                                    15.9
                                                                          15.5
                                                                                15.1
   [59353]
            14.6
                                     13.2
                                           13.9
                                                 16.0
                                                       17.8
                  14.1
                        13.6
                              13.4
                                                              19.2
                                                                    19.9
                                                                          20.5
                                                                                20.9
                        20.4
                                     17.5
                                                                    14.7
                                                                          14.5
##
   [59365]
            21.4
                  21.2
                              19.1
                                           17.1
                                                 16.5
                                                       15.7
                                                              15.1
                                                                                14.3
                                     12.4
                                           13.3
   [59377]
            14.0
                  13.5
                        13.1
                               12.7
                                                 15.4
                                                       17.1
                                                              18.6
                                                                    19.5
                                                                          20.0
                                                                                20.3
   [59389]
            21.1
                  20.5
                        19.8
                              18.6
                                     17.0
                                           16.3
                                                 15.7
                                                        15.1
                                                              14.5
                                                                    13.9
                                                                          13.3
                                                                                12.8
##
##
   [59401]
            12.6
                  12.4
                        12.3
                              12.3
                                     12.1
                                           13.0
                                                 14.9
                                                       17.0
                                                              18.6
                                                                    19.9
                                                                          19.9
                                                                                20.4
  [59413]
                        20.3
                                           16.9
                                                 16.3
                                                       15.6
            21.5
                  21.1
                              19.0
                                     17.5
                                                              15.1
                                                                    14.6
                                                                          14.4
                                                                                14.1
  [59425]
            13.4
                  12.9
                        12.6
                              12.3
                                     12.0
                                           12.8
                                                 15.3
                                                       17.4
                                                              18.9
                                                                    19.9
                                                                          20.5
                                                                                20.6
## [59437]
            21.2
                  21.2
                        20.8
                              19.9
                                     18.5
                                           17.9
                                                 17.3
                                                       16.8
                                                              16.3
                                                                    15.6
                                                                          15.0
                                                                                14.4
## [59449]
            13.9
                  13.7
                        13.6
                              13.4
                                     13.2
                                           14.7
                                                 16.6
                                                       17.9
                                                              19.2
                                                                    20.5
                                                                          21.3
                                                                                21.8
## [59461]
            21.9
                  21.4
                        21.3
                              20.1
                                     17.5
                                           17.3
                                                 16.4
                                                       15.1
                                                              14.7
                                                                    14.0
                                                                         13.7
                                                                                13.4
## [59473]
            13.1
                  12.9
                        12.7
                              12.5
                                     12.3
                                           13.4
                                                 15.8 17.4
                                                             18.9
                                                                    20.0
                                                                          20.8 21.3
                                          17.1
## [59485]
            22.7
                  22.7 22.1 21.0
                                    18.5
                                                15.8 15.6 15.3 14.8 14.3 14.2
```

```
## [59497]
             14.0
                   13.9
                         13.8
                               13.9
                                       14.6
                                             14.9 17.7
                                                           20.7 22.4
                                                                        23.6
                                                                               24.7
   [59509]
             25.5
                   25.3
                          24.4
                                 22.6
                                       19.7
                                              18.2
                                                    17.3
                                                           16.6
                                                                  16.3
                                                                        16.5
                                                                               15.9
                                                                                     16.6
   [59521]
                                                           23.7
             16.0
                   16.9
                          17.2
                                 17.3
                                       17.0
                                              17.2
                                                    21.0
                                                                  25.7
                                                                        26.7
                                                                               26.4
                          23.9
                                 22.7
                                              20.8
                                                    20.1
                                                                  19.4
                                                                        19.1
   [59533]
             26.6
                   24.6
                                       21.5
                                                           19.8
                                                                               19.2
                                                                                     19.3
##
   [59545]
             19.0
                   18.5
                          17.9
                                 18.0
                                       18.4
                                              18.7
                                                    20.4
                                                           22.4
                                                                  24.1
                                                                        25.6
                                                                               26.6
                                                                                     27.0
   [59557]
                   26.9
                          26.0
                                 23.6
                                       21.0
                                              19.8
                                                    19.0
                                                           18.3
                                                                  18.0
                                                                        17.9
                                                                               17.7
                                                                                     18.3
##
             27.1
                          16.9
                                 16.9
                                       17.5
                                              18.0
                                                    20.4
                                                           23.5
                                                                  24.6
                                                                        24.0
                                                                               24.4
   [59569]
             17.5
                   17.1
                   23.7
                          22.9
                                       20.1
                                                    17.8
                                                           16.8
                                                                  16.0
                                                                        15.2
   [59581]
             24.0
                                 21.6
                                              18.9
                                                                              14.5
                                                                                     13.7
##
   [59593]
             13.1
                   13.0
                          12.8
                                 12.3
                                       11.7
                                              12.1
                                                    13.5
                                                           14.9
                                                                  16.0
                                                                        16.9
                                                                               17.7
                                                                                     18.1
                                              12.9
                                                           11.7
                                                                               10.0
                                                                                      9.7
##
   [59605]
             17.9
                   17.2
                          16.0
                                 14.6
                                       13.4
                                                    12.2
                                                                  11.1
                                                                        10.5
   [59617]
              9.2
                    9.0
                           8.8
                                  8.7
                                        9.9
                                              11.2
                                                    13.1
                                                           14.5
                                                                  15.7
                                                                        16.8
                                                                               17.6
                                                                                     18.2
                                       12.8
   [59629]
             18.5
                   18.3
                          17.7
                                 15.8
                                              11.8
                                                    11.6
                                                           11.9
                                                                  11.7
                                                                        11.4
                                                                               11.3
                                                                                     11.3
##
   [59641]
             11.4
                   11.3
                          11.2
                                 11.0
                                       10.9
                                              11.1
                                                    13.7
                                                           17.3
                                                                  19.5
                                                                        21.3
                                                                               22.6
                                                                                     23.3
                                                    15.0
   [59653]
             24.1
                   23.8
                          22.8
                                 20.2
                                       16.9
                                              15.4
                                                           14.4
                                                                  13.9
                                                                        13.4
                                                                               13.0
##
                                                                                     12.6
   [59665]
             12.3
                   12.5
                          12.6
                                 13.5
                                       13.4
                                              13.7
                                                    16.6
                                                           18.9
                                                                  20.2
                                                                        21.3
                                                                               22.1
                                                                                     22.3
   [59677]
             23.1
                   23.3
                          22.2
                                 20.6
                                       19.4
                                              18.8
                                                    18.5
                                                           18.4
                                                                  18.2
                                                                        18.1
                                                                               17.9
                                                                                     17.9
   [59689]
             18.0
                   17.8
                          17.6
                                17.5
                                       17.6
                                              18.5
                                                    20.3
                                                           21.3
                                                                  20.3
                                                                        19.9
                                                                               19.1
                                                                                     16.3
##
   [59701]
             21.3
                   20.4
                          19.6
                                 18.6
                                       18.4
                                              17.1
                                                    16.8
                                                           16.3
                                                                  15.8
                                                                        15.1
                                                                               13.6
                                                                                     12.8
   [59713]
                   12.4
                          12.4
                                 12.0
                                       12.1
                                              12.5
                                                    14.8
                                                           17.0
                                                                  18.3
                                                                        19.1
                                                                               19.8
                                                                                     20.3
             12.7
   [59725]
             21.2
                   20.6
                          19.8
                                 18.4
                                       17.7
                                              17.1
                                                    16.1
                                                           16.0
                                                                  15.7
                                                                        15.6
                                                                               16.1
                                                                                     16.3
##
   [59737]
             16.0
                   15.4
                          15.5
                                 14.1
                                       14.1
                                              14.3
                                                    13.7
                                                           13.7
                                                                  14.1
                                                                        14.3
                                                                               14.4
                                                                                     14.5
   [59749]
             14.2
                   13.1
                          11.8
                                  9.7
                                        8.3
                                               7.4
                                                      6.4
                                                            5.3
                                                                   5.1
                                                                         5.4
                                                                                5.4
                                                                                       5.2
                                                                   7.9
   [59761]
                     4.6
                           5.0
                                        4.9
                                               5.0
                                                            6.9
                                                                         8.7
                                                                                8.6
                                                                                       8.7
##
              4.8
                                  5.0
                                                     5.9
   [59773]
              9.9
                     9.4
                                        6.3
                                               5.3
                                                     5.6
                                                            5.4
                                                                   4.9
                                                                         5.4
                                                                                5.8
                                                                                       5.9
##
                           8.7
                                  7.2
                                                                                       7.3
                                        5.2
                                                     5.3
                                                            5.8
                                                                                6.6
##
   [59785]
              6.1
                     6.1
                           5.9
                                  5.6
                                               5.0
                                                                   6.0
                                                                         6.2
   [59797]
              6.4
                     6.6
                           6.7
                                  6.4
                                        6.1
                                               5.9
                                                     5.6
                                                            5.3
                                                                   5.1
                                                                         5.1
                                                                                5.2
                                                                                       5.2
   [59809]
              5.2
                     5.1
                           5.2
                                  5.2
                                        5.2
                                               5.3
                                                     5.9
                                                            6.8
                                                                   8.6
                                                                        10.7
                                                                               12.0
                                                                                     13.0
##
   [59821]
             13.0
                   13.4
                                 12.7
                                       11.8
                                                           10.2
                                                                   9.9
##
                          13.5
                                              11.1
                                                    10.4
                                                                         9.6
                                                                                9.4
                                                                                       9.2
                                  8.2
                                        8.2
                                                                               15.9
   [59833]
              8.9
                    8.6
                           8.5
                                               8.3
                                                     9.3
                                                           11.1
                                                                  13.0
                                                                        14.6
                                                                                     16.3
##
   [59845]
             11.3
                   11.1
                          10.8
                                 10.6
                                       10.3
                                              10.0
                                                     9.9
                                                            9.8
                                                                   9.6
                                                                         9.5
                                                                                9.4
                                                                                       9.3
##
   [59857]
              9.2
                    9.1
                           9.1
                                  9.1
                                        9.1
                                               9.2
                                                     9.8
                                                           10.5
                                                                  11.0
                                                                        11.7
                                                                               12.2
                                                                                     12.7
##
   [59869]
             12.6
                   12.1
                          11.8
                                 11.6
                                       11.2
                                              10.9
                                                    10.6
                                                           10.4
                                                                  10.2
                                                                        10.1
                                                                                9.8
                                                                                       9.5
   [59881]
              9.4
                    9.3
                           9.3
                                  9.2
                                        9.1
                                               9.0
                                                     9.3
                                                            9.8
                                                                  10.4
                                                                        11.8
                                                                               11.9
                                                                                     12.1
                          10.1
                                 10.1
   [59893]
              9.5
                    9.9
                                               9.7
                                                           10.0
                                                                  10.0
                                                                         8.5
                                                                                7.6
                                                                                      7.1
##
                                        9.6
                                                     9.9
   [59905]
              6.7
                    6.4
                           6.3
                                 5.9
                                        5.6
                                               5.7
                                                     8.1
                                                           10.0
                                                                  11.4
                                                                        12.7
                                                                               13.7
                                                                                     14.3
                                                     8.9
   [59917]
             14.4
                   14.3
                          13.8
                                 12.0
                                       10.3
                                               9.3
                                                            8.4
                                                                  8.1
                                                                         7.7
                                                                                7.2
                                                                                      6.8
##
   [59929]
              6.3
                     6.2
                           6.2
                                  6.2
                                        5.9
                                               5.9
                                                     8.5
                                                           11.0
                                                                  12.4
                                                                        13.2
                                                                               13.9
                                                                                     14.1
   [59941]
             13.0
                   12.6
                          11.8
                                 10.5
                                       10.0
                                               9.7
                                                     9.4
                                                            9.0
                                                                  8.4
                                                                         8.0
                                                                                7.7
                                                                                      7.6
##
   [59953]
              7.7
                    9.1
                           9.6
                                  9.8
                                        9.7
                                               9.6
                                                    10.0
                                                           10.5
                                                                  11.0
                                                                        11.3
                                                                               11.4
                                                                                     11.7
##
                                                            7.4
   [59965]
             11.8
                   11.4
                          10.5
                                  9.1
                                        8.5
                                               8.1
                                                     7.8
                                                                   6.5
                                                                         6.0
                                                                                6.0
                                                                                       5.9
##
                                                                  11.8
   [59977]
                                               5.7
                                                     8.3
                                                           10.3
                                                                        12.8
                                                                               13.7
                                                                                     14.0
              5.4
                    5.1
                           5.1
                                  4.9
                                        4.6
   [59989]
             13.7
                   13.4
                          12.4
                                 10.1
                                        8.8
                                               8.1
                                                     7.5
                                                            7.5
                                                                  7.2
                                                                         6.8
                                                                                6.8
                                                                                      6.9
   [60001]
                                  5.5
                                                           10.6
                                                                  13.1
##
              6.6
                    6.5
                           6.1
                                        6.0
                                               6.8
                                                     8.1
                                                                        14.8
                                                                               15.9
                                                                                     16.7
   [60013]
                   17.0
                                 14.0
                                                                               12.2
##
             17.3
                          16.0
                                       13.1
                                              12.6
                                                    12.2
                                                           12.0
                                                                  12.0
                                                                        12.2
                                                                                     12.1
   [60025]
                                       11.9
                                                                  17.2
                                                                        18.9
             12.3
                   12.2
                          12.0
                                 12.1
                                              11.5
                                                    12.8
                                                           15.1
                                                                               20.2
                                                                                     20.9
                                                                  14.3
   [60037]
             20.7
                   20.4
                          19.6
                                17.1
                                       16.1
                                              15.5
                                                    15.4
                                                           14.6
                                                                        14.1
                                                                               14.1
                                                                                     14.0
##
                                                           17.5
##
   [60049]
             13.5
                   13.2
                          12.9
                                 12.8
                                       12.6
                                              12.3
                                                    14.3
                                                                  19.8
                                                                        21.3
                                                                               22.0
                                                                                     22.5
   [60061]
                                                    15.7
                                                           15.5
                                                                  14.9
                                                                               14.9
                                                                                     14.9
             22.6
                   22.2
                          21.4
                                 18.9
                                       16.6
                                              16.1
                                                                        14.9
             15.1
   [60073]
                   15.0
                          15.2
                                 14.9
                                       14.6
                                              14.6
                                                    15.2
                                                           16.9
                                                                  19.6
                                                                        21.1
                                                                               22.0
                                                                                     22.3
   [60085]
             21.4
                   21.7
                          20.7
                                 17.6
                                       15.9
                                              15.5
                                                    15.2
                                                           14.6
                                                                  14.4
                                                                        14.4
                                                                               14.4
                                                                                     15.1
   [60097]
             16.1
                   15.7
                          14.3
                                 13.2
                                       13.5
                                              13.6
                                                    13.2
                                                           13.7
                                                                  14.6
                                                                        16.5
                                                                               17.5
##
                                                                                     17.5
   [60109]
             17.5
                   17.9
                          17.9
                                 16.8
                                       15.0
                                              14.4
                                                    14.5
                                                           14.4
                                                                  14.1
                                                                        13.9
                                                                               13.4
                                                                                     13.2
  [60121]
             13.2
                   13.2
                          13.1
                                 12.9
                                       12.7
                                              12.5
                                                    13.0
                                                           14.0
                                                                  15.8
                                                                        16.9
                                                                              18.1
                                                                                     18.8
## [60133]
             20.2
                   20.0 19.2 17.5
                                       16.5
                                             15.5
                                                    15.1 14.9 14.4 13.8 13.4
                                                                                     13.1
```

```
## [60145]
             12.7
                   12.4 12.1
                                11.8
                                       11.4
                                             11.2 13.3 16.0 18.0 19.3
                                                                               20.0
             18.7
   [60157]
                   18.3
                          17.7
                                 15.5
                                       14.4
                                              13.7
                                                     13.1
                                                           12.8
                                                                  12.7
                                                                         12.5
                                                                               12.4
                                                                                      12.1
   [60169]
                                                     12.1
             11.8
                   11.6
                          11.4
                                 11.0
                                       11.3
                                              11.0
                                                           13.9
                                                                  15.3
                                                                         16.4
                                                                               17.3
                                                     13.8
                                                                  13.6
   [60181]
             18.2
                   17.9
                          16.8
                                 14.8
                                       14.2
                                              14.1
                                                           13.7
                                                                         13.6
                                                                               13.4
                                                                                      13.4
   [60193]
             13.5
                   13.2
                          13.1
                                 12.9
                                       12.9
                                              12.0
                                                     13.8
                                                           16.8
                                                                  18.9
                                                                         18.6
                                                                               19.5
                                                                                      18.7
   [60205]
             19.9
                   18.7
                          18.4
                                 17.5
                                       16.9
                                              16.4
                                                     16.0
                                                           15.4
                                                                  14.7
                                                                         14.5
                                                                               13.7
                                                                                      13.7
##
   [60217]
                          13.6
                                 13.6
                                       13.5
                                              13.5
                                                     14.6
                                                           16.2
                                                                  16.3
                                                                         15.2
                                                                               17.2
             13.9
                   13.8
   [60229]
                   17.4
                          16.5
                                                           13.6
                                                                  13.5
                                                                         13.6
             17.5
                                 15.2
                                       14.6
                                              14.1
                                                     13.7
                                                                               13.4
                                                                                      13.1
##
   [60241]
             12.7
                   12.5
                          12.2
                                 11.9
                                       11.8
                                              11.7
                                                     12.2
                                                           13.2
                                                                  14.1
                                                                         14.8
                                                                               15.5
                                                                                      16.0
                                                     12.8
                                                           12.5
                                                                  12.1
                                                                               11.5
                                                                                      11.4
##
   [60253]
             14.7
                   14.7
                          14.3
                                 13.7
                                       13.3
                                              13.0
                                                                         11.8
   [60265]
             11.2
                   11.0
                          10.9
                                 10.8
                                       10.7
                                              10.7
                                                     11.2
                                                           12.0
                                                                  12.7
                                                                         13.5
                                                                               14.2
                                                                                      14.4
   [60277]
             15.0
                   14.7
                          13.9
                                 12.3
                                       11.8
                                              11.1
                                                     11.0
                                                           12.1
                                                                  12.1
                                                                         11.5
                                                                                      11.0
                                                                               11.1
##
   [60289]
             10.9
                   10.9
                          10.9
                                 10.9
                                       10.9
                                              10.3
                                                     11.6
                                                           13.2
                                                                  15.0
                                                                         16.5
                                                                                17.5
                                                                                      18.0
                                        16.4
                                              16.3
                                                                         15.3
   [60301]
             18.6
                   18.3
                          17.6
                                 16.9
                                                     16.1
                                                            15.9
                                                                  15.6
##
                                                                                15.1
                                                                                      14.5
   [60313]
             14.3
                   14.2
                          13.4
                                 12.8
                                       13.1
                                              12.7
                                                     14.0
                                                            16.4
                                                                  18.2
                                                                         20.0
                                                                                20.7
                                                                                      20.8
   [60325]
             20.6
                   20.3
                          19.4
                                 17.4
                                       16.7
                                              16.5
                                                     16.5
                                                            16.3
                                                                  15.8
                                                                         15.8
                                                                                15.7
                                                                                      15.7
   [60337]
             15.5
                   15.5
                          15.6
                                 16.0
                                       16.3
                                              16.3
                                                     17.3
                                                           18.7
                                                                  19.7
                                                                         20.4
                                                                               20.8
                                                                                      21.3
##
   [60349]
             22.0
                   21.4
                          20.4
                                 18.8
                                        18.1
                                              17.7
                                                     18.0
                                                           18.0
                                                                  17.6
                                                                         17.0
                                                                               16.3
                                                                                      16.1
                   15.6
   [60361]
                                 13.9
                                       13.3
                                              12.9
                                                     13.7
                                                            14.4
                                                                  15.3
                                                                         16.2
                                                                               16.5
                                                                                      16.7
             16.1
                          14.8
   [60373]
             15.5
                   15.2
                          14.6
                                 13.3
                                        13.2
                                              12.7
                                                     12.3
                                                            11.9
                                                                  11.5
                                                                         11.2
                                                                                10.1
                                                                                       8.6
                                                             9.7
                                                                                      12.2
##
   [60385]
              7.9
                    7.5
                           7.3
                                  7.2
                                        7.0
                                               7.8
                                                      8.8
                                                                  10.4
                                                                         10.5
                                                                                11.6
   [60397]
             13.3
                   13.2
                          12.9
                                 12.4
                                       11.3
                                              10.8
                                                      8.6
                                                             8.0
                                                                   7.5
                                                                          6.9
                                                                                 6.3
                                                                                       5.9
   [60409]
              5.5
                    5.2
                           5.0
                                  4.7
                                         5.4
                                               4.1
                                                             7.2
                                                                   8.3
                                                                          9.5
                                                                               10.6
                                                                                      11.2
##
                                                      5.9
   [60421]
             11.8
                   11.6
                          11.0
                                  8.9
                                         8.0
                                               7.4
                                                      6.8
                                                                   5.7
                                                                                 4.8
                                                                                        4.6
##
                                                             6.1
                                                                          5.2
              4.2
                                               3.3
                                                             7.4
                                                                                 9.0
                                                                                       9.3
##
   [60433]
                     3.8
                           4.0
                                  4.2
                                         3.9
                                                      5.4
                                                                   7.9
                                                                          8.8
   [60445]
             10.1
                     9.8
                           8.5
                                  6.7
                                         6.3
                                               6.3
                                                      8.1
                                                             8.1
                                                                   7.5
                                                                          7.4
                                                                                 6.9
                                                                                       6.1
   [60457]
              6.0
                     5.9
                           6.3
                                  6.2
                                         6.0
                                               5.1
                                                      6.4
                                                             7.1
                                                                   7.7
                                                                          9.0
                                                                                 9.7
                                                                                      10.4
##
   [60469]
             10.0
##
                   10.1
                           9.7
                                  9.0
                                         8.6
                                               7.8
                                                      7.5
                                                             6.6
                                                                   6.2
                                                                          5.9
                                                                                 5.4
                                                                                       4.5
   [60481]
              4.0
                     3.9
                           3.4
                                  2.9
                                         3.0
                                               3.0
                                                      3.6
                                                             4.5
                                                                   5.7
                                                                          7.1
                                                                                 8.2
                                                                                        9.2
##
   [60493]
              9.6
                     9.5
                           8.7
                                  7.0
                                         6.2
                                               5.5
                                                      4.8
                                                             4.2
                                                                   3.7
                                                                          3.1
                                                                                 2.7
                                                                                        2.5
##
   [60505]
              2.1
                     1.7
                           1.3
                                  1.5
                                         1.7
                                               1.1
                                                      2.3
                                                             4.2
                                                                   5.8
                                                                          7.2
                                                                                 8.1
                                                                                        6.8
##
   [60517]
              7.7
                     7.5
                           7.2
                                  6.4
                                         6.4
                                               6.0
                                                      5.5
                                                             4.9
                                                                   4.5
                                                                          4.2
                                                                                 4.1
                                                                                        3.9
              3.9
##
   [60529]
                     2.7
                           3.0
                                  3.8
                                         2.5
                                               1.9
                                                      3.2
                                                             5.2
                                                                   6.7
                                                                          7.8
                                                                                 8.5
                                                                                        9.1
   [60541]
              7.6
                     7.6
                           7.0
                                                             6.8
                                                                   6.3
                                                                          5.9
                                                                                 5.9
                                                                                        6.1
##
                                  6.4
                                         6.5
                                               6.8
                                                      6.9
   [60553]
              6.3
                     6.4
                           6.5
                                  6.7
                                         6.9
                                               6.9
                                                      7.4
                                                             8.7
                                                                   9.8
                                                                         10.9
                                                                                11.8
                                                                                      12.4
   [60565]
             13.0
                   12.9
                          12.1
                                 10.1
                                         8.5
                                               7.8
                                                      7.9
                                                             8.3
                                                                   8.3
                                                                          8.7
                                                                                 8.7
                                                                                       8.4
##
   [60577]
              8.2
                     8.0
                           8.1
                                  8.3
                                         8.7
                                               9.0
                                                      9.8
                                                            11.3
                                                                  13.9
                                                                         15.3
                                                                                16.2
                                                                                      16.9
   [60589]
             16.9
                   16.5
                          15.3
                                 13.1
                                       13.5
                                              13.6
                                                     13.6
                                                           13.3
                                                                  12.6
                                                                         12.4
                                                                               12.6
                                                                                      12.4
##
   [60601]
             11.6
                   12.2
                          12.9
                                 13.1
                                       13.4
                                              13.7
                                                     14.7
                                                            15.9
                                                                  16.3
                                                                         16.7
                                                                               16.9
                                                                                      16.5
##
                                                                  10.1
   [60613]
             11.0
                   11.0
                          10.6
                                  9.8
                                         9.6
                                               9.6
                                                      9.8
                                                           10.1
                                                                         10.2
                                                                               10.2
                                                                                      10.2
##
   [60625]
                   10.0
                           9.9
                                  9.8
                                         9.6
                                               9.5
                                                      9.5
                                                           10.0
                                                                  10.2
                                                                         10.7
                                                                               11.3
             10.2
   [60637]
             10.8
                   10.4
                          10.1
                                  9.4
                                         9.4
                                               9.3
                                                      9.3
                                                             9.4
                                                                   9.4
                                                                          9.3
                                                                                9.5
                                                                                       9.7
##
   [60649]
              9.6
                           9.6
                                               9.6
                                                     10.4
                                                           11.5
                                                                  13.2
##
                     9.6
                                  9.5
                                         9.6
                                                                         15.8
                                                                               17.0
                                                                                      15.8
   [60661]
             16.3
                   15.0
                          14.2
                                        12.4
                                                                  10.8
                                                                         10.6
                                                                               10.4
##
                                 12.3
                                              11.7
                                                     11.5
                                                           11.1
                                                                                      10.1
                          10.6
   [60673]
                   10.5
                                 10.2
                                         9.9
                                               9.9
                                                                  13.0
                                                                         13.9
                                                                               15.9
             10.4
                                                     10.7
                                                           11.4
                                                                                      15.0
                                              14.2
                                                           12.8
   [60685]
             18.1
                   16.8
                          15.5
                                 14.3
                                       14.4
                                                     13.0
                                                                  13.3
                                                                         13.3
                                                                               13.0
                                                                                      12.9
##
##
   [60697]
             12.6
                   12.1
                          12.0
                                 11.5
                                       11.6
                                              11.4
                                                     11.8
                                                           13.3
                                                                  13.7
                                                                         15.1
                                                                                15.2
                                                                                      15.6
   [60709]
                                        14.6
                                                     14.1
                                                           14.2
                                                                                13.6
                                                                                      13.2
##
             16.2
                   16.4
                          16.0
                                 15.3
                                              14.2
                                                                  14.2
                                                                         14.0
   [60721]
             12.6
                   12.1
                          11.8
                                 11.5
                                       11.5
                                              11.3
                                                     11.3
                                                           12.2
                                                                  13.4
                                                                         14.6
                                                                               15.5
                                                                                      15.5
   [60733]
             13.7
                   13.5
                          13.0
                                 11.4
                                       11.0
                                              10.9
                                                     11.0
                                                           11.0
                                                                  10.9
                                                                         10.8
                                                                               10.9
                                                                                      11.0
   [60745]
             11.0
                   10.9
                          10.9
                                 11.0
                                       11.1
                                              11.1
                                                     11.5
                                                           13.1
                                                                  13.8
                                                                         14.4
                                                                               14.6
##
                                                                                      15.3
   [60757]
             17.4
                   16.5
                          15.2
                                 14.2
                                       13.7
                                              13.7
                                                     14.1
                                                           14.5
                                                                  14.3
                                                                         13.8
                                                                               13.6
                                                                                      13.6
   [60769]
             13.6
                   13.5
                          13.4
                                 13.1
                                       13.0
                                              12.8
                                                     13.0
                                                           14.4
                                                                  14.9
                                                                         15.4
                                                                               15.8
                                                                                      15.9
## [60781]
             16.7
                   16.1 15.5
                                15.0
                                       14.2
                                              13.7
                                                     13.2 13.0 12.9
                                                                        12.7 12.5
                                                                                      12.0
```

```
## [60793]
             11.5
                   11.2 11.3 11.2 11.3 11.3 11.7 11.7 12.5 12.7 14.4
                                                                   13.1
   [60805]
             12.1
                    13.1
                          13.3
                                 11.8
                                        12.5
                                              11.9
                                                     11.8
                                                            12.4
                                                                         12.8
                                                                                12.4
                                                                                       12.2
   [60817]
             12.3
                    12.0
                          11.9
                                 12.0
                                        11.8
                                               11.0
                                                     11.4
                                                            12.8
                                                                   13.8
                                                                          13.0
                                                                                14.1
                                                                                       12.6
                                                                           8.9
                                                                                        7.7
   [60829]
             14.3
                    13.6
                          13.5
                                 11.9
                                        11.2
                                               10.2
                                                      9.6
                                                             9.8
                                                                    9.4
                                                                                 8.3
##
   [60841]
              7.2
                     6.9
                            6.7
                                  6.5
                                         6.4
                                                6.5
                                                      6.5
                                                             7.1
                                                                    7.7
                                                                           7.8
                                                                                 8.0
                                                                                        8.2
   [60853]
             10.3
                    10.1
                            9.6
                                  9.1
                                         9.2
                                                9.2
                                                      9.4
                                                             9.3
                                                                    9.1
                                                                           9.0
                                                                                 9.0
                                                                                        9.1
##
   [60865]
              9.2
                     9.2
                            9.1
                                  9.1
                                         9.3
                                                9.2
                                                      9.6
                                                            10.3
                                                                   10.6
                                                                          10.4
                                                                                11.7
                                                                                       13.0
   [60877]
                    15.9
             16.5
                           14.9
                                 12.9
                                        11.7
                                               11.1
                                                     11.1
                                                            11.3
                                                                   11.5
                                                                          11.6
                                                                                11.3
                                                                                       10.8
##
   [60889]
             10.9
                    10.4
                           10.3
                                 10.0
                                         9.1
                                                8.8
                                                      8.5
                                                             8.5
                                                                    8.6
                                                                           8.9
                                                                                 9.3
                                                                                        9.7
                                                                                 5.3
                                                                                        4.6
##
   [60901]
             10.3
                     9.7
                            9.2
                                  8.6
                                         8.1
                                                8.1
                                                       8.0
                                                             7.5
                                                                    6.7
                                                                           6.0
   [60913]
              4.0
                     3.5
                            3.1
                                  2.9
                                         2.7
                                                2.4
                                                       4.1
                                                             6.2
                                                                    7.7
                                                                           8.6
                                                                                 9.3
                                                                                        9.7
   [60925]
             10.1
                     9.7
                            8.9
                                  7.2
                                         6.5
                                                             5.3
                                                                    5.1
                                                                           4.9
                                                                                 4.6
                                                                                        4.3
##
                                                6.1
                                                       5.6
##
   [60937]
              4.0
                     5.2
                            5.3
                                  5.5
                                         5.7
                                                5.9
                                                       6.0
                                                             6.6
                                                                    7.2
                                                                           7.6
                                                                                 8.0
                                                                                        8.8
   [60949]
             11.4
                                  8.0
##
                    11.1
                           10.0
                                         7.3
                                                7.0
                                                       6.5
                                                             6.0
                                                                    6.1
                                                                           6.0
                                                                                 6.1
                                                                                        6.1
   [60961]
              6.0
                     6.0
                            5.8
                                  5.6
                                         5.4
                                                5.2
                                                       5.4
                                                             6.2
                                                                    7.1
                                                                           8.2
                                                                                 9.0
                                                                                        9.6
   [60973]
             12.3
                    11.9
                           10.5
                                  8.3
                                         7.3
                                                6.7
                                                       6.2
                                                             5.6
                                                                    6.2
                                                                           6.3
                                                                                 6.3
                                                                                        6.4
   [60985]
              6.4
                     6.1
                            5.9
                                  5.8
                                         5.6
                                                6.1
                                                      7.0
                                                             8.7
                                                                   10.6
                                                                         12.4
                                                                                12.9
                                                                                       13.1
##
   [60997]
             14.9
                    14.7
                           14.0
                                 11.9
                                        11.3
                                               11.1
                                                     11.2
                                                            11.3
                                                                   11.5
                                                                          11.5
                                                                                11.8
                                                                                       12.4
                          12.3
                                 12.6
   [61009]
                   12.3
                                        12.7
                                               12.5
                                                     12.6
                                                            13.0
                                                                   13.7
                                                                          13.4
                                                                                       14.5
             12.4
                                                                                14.1
   [61021]
             15.0
                    15.0
                          14.4
                                 13.8
                                        13.2
                                               13.0
                                                     13.1
                                                            12.0
                                                                   11.3
                                                                          11.0
                                                                                11.5
                                                                                       11.8
##
   [61033]
             12.0
                    11.7
                          11.5
                                 11.0
                                        10.2
                                              10.9
                                                     11.1
                                                            12.5
                                                                   13.0
                                                                          13.3
                                                                                13.7
                                                                                       13.7
   [61045]
             14.8
                    14.6
                           13.9
                                 12.2
                                        11.5
                                               10.8
                                                     10.3
                                                             9.9
                                                                    9.5
                                                                           9.2
                                                                                 9.0
                                                                                        8.4
   [61057]
              7.9
                     8.0
                            8.0
                                  8.0
                                         8.0
                                                7.9
                                                      8.1
                                                             9.3
                                                                   11.0
                                                                          12.2
                                                                                13.1
                                                                                       13.6
##
                                         7.7
   [61069]
             12.6
                    12.1
                          11.1
                                  8.7
                                                7.4
                                                      7.1
                                                             7.0
                                                                    7.0
                                                                           7.0
                                                                                 6.8
                                                                                        6.6
##
   [61081]
                                  6.2
                                                             9.2
                                                                          12.8
                                                                                14.3
                                                                                       15.1
##
              6.7
                     6.5
                            6.5
                                         6.8
                                                7.3
                                                      7.5
                                                                   11.7
   [61093]
             14.9
                    14.7
                           14.0
                                 12.4
                                        12.3
                                               11.4
                                                     12.1
                                                            11.5
                                                                   11.3
                                                                          11.2
                                                                                10.6
                                                                                       10.9
   [61105]
             10.7
                    10.0
                            9.9
                                  8.4
                                         8.5
                                                8.4
                                                      8.9
                                                            11.3
                                                                   12.3
                                                                          12.9
                                                                                13.7
                                                                                       13.6
                                                      8.2
                                                                                 3.9
##
   [61117]
             12.9
                    11.9
                           10.5
                                  9.5
                                         9.6
                                                9.0
                                                             6.5
                                                                    5.4
                                                                           4.5
                                                                                        3.2
   [61129]
              2.7
                     2.4
                            1.9
                                  1.6
                                         1.4
                                                1.3
                                                       1.3
                                                             4.0
                                                                    5.6
                                                                           6.7
                                                                                 7.6
                                                                                        8.2
##
   [61141]
              9.0
                     8.7
                            7.7
                                  5.9
                                         5.2
                                                4.9
                                                       4.5
                                                             4.5
                                                                    4.8
                                                                           4.6
                                                                                 4.6
                                                                                        4.3
##
   [61153]
              4.1
                     4.0
                            4.0
                                  4.2
                                         4.8
                                                5.1
                                                       5.3
                                                             8.1
                                                                   10.6
                                                                          12.4
                                                                                13.4
                                                                                       13.8
##
   [61165]
             13.9
                    13.7
                           12.9
                                 11.0
                                        10.2
                                                9.6
                                                      9.1
                                                             8.8
                                                                    8.4
                                                                           7.9
                                                                                 7.3
                                                                                        7.1
                                                                                16.1
   [61177]
              6.9
                     6.6
                            6.6
                                  6.7
                                         7.0
                                                7.8
                                                      8.3
                                                             9.8
                                                                   12.1
                                                                          14.4
                                                                                       16.8
                          15.0
                                 12.3
                    16.2
                                        11.4
                                                     10.8
                                                            10.6
                                                                    9.9
                                                                           9.3
                                                                                 9.2
                                                                                        9.1
   [61189]
             16.7
                                               11.0
   [61201]
              8.7
                     8.1
                           7.6
                                  7.0
                                         6.7
                                                6.7
                                                      7.4
                                                            10.6
                                                                   13.0
                                                                          14.4
                                                                                15.4
                                                                                       15.8
                                              12.5
   [61213]
             16.9
                    16.7
                          15.9
                                 14.1
                                        13.1
                                                     12.4
                                                            12.0
                                                                   11.9
                                                                          11.8
                                                                                11.6
##
                                                                                       11.3
   [61225]
             11.0
                    11.5
                          12.1
                                 10.6
                                        10.7
                                              10.5
                                                     11.7
                                                            12.9
                                                                   13.8
                                                                          14.0
                                                                                14.1
                                                                                       13.9
   [61237]
             14.4
                    14.1
                           13.5
                                 12.5
                                        11.1
                                               10.1
                                                     10.0
                                                             9.5
                                                                    9.4
                                                                           9.3
                                                                                 9.4
                                                                                        9.2
   [61249]
              9.3
                     9.0
                            8.1
                                  7.5
                                         6.7
                                                5.9
                                                      5.7
                                                             6.0
                                                                    6.2
                                                                           5.5
                                                                                 4.4
                                                                                        3.7
##
   [61261]
              5.2
                     5.1
                            5.1
                                  4.9
                                         3.8
                                                2.8
                                                      2.5
                                                             1.7
                                                                    1.3
                                                                           0.7
                                                                                 0.5
                                                                                        0.6
##
   [61273]
              0.8
                     0.7
                            0.6
                                                1.6
                                                      2.6
                                                             4.9
                                                                    6.4
                                                                           7.5
                                                                                 8.4
                                                                                        9.2
                                  0.6
                                         1.1
   [61285]
             10.9
                    11.0
                           11.0
                                  9.9
                                         9.2
                                                9.3
                                                     10.9
                                                            11.6
                                                                   11.1
                                                                          11.0
                                                                                11.5
                                                                                       11.6
                                        12.4
   [61297]
             12.1
                    12.1
                           12.4
                                 12.3
                                               12.5
                                                     12.2
                                                            12.4
                                                                   12.3
                                                                          11.9
                                                                                 9.8
                                                                                        9.2
             10.9
                                                                                 1.9
##
   [61309]
                     9.9
                            9.2
                                  6.4
                                         4.9
                                                4.5
                                                      3.7
                                                             2.4
                                                                    2.1
                                                                           2.1
                                                                                        1.2
   [61321]
                                 -0.5
                                        -1.3
                                              -0.9
                                                     -0.8
              1.3
                     0.5
                            0.1
                                                             0.0
                                                                    0.7
                                                                           1.4
                                                                                 2.4
                                                                                        2.8
                                        -2.2
                                              -1.9
                                                     -1.6
   [61333]
             -1.8
                   -1.9
                          -2.0
                                 -2.3
                                                            -1.4
                                                                   -1.7
                                                                          -1.8
                                                                                -1.8
                                                                                      -1.8
                                                     -2.3
##
   [61345]
             -2.1
                    -2.4
                          -2.3
                                 -2.0
                                        -1.9
                                              -2.3
                                                            -2.0
                                                                   -1.4
                                                                          -0.1
                                                                                 1.3
                                                                                        1.5
   [61357]
                     1.0
                                         1.0
                                              -0.4
                                                     -2.0
                                                            -2.8
                                                                   -3.3
                                                                          -3.7
                                                                                -4.0
                                                                                       -4.2
##
              1.1
                            1.2
                                  1.1
   [61369]
             -4.5
                   -4.7
                          -5.0
                                 -5.2
                                        -5.5
                                              -5.9
                                                     -6.0
                                                            -5.6
                                                                   -4.9
                                                                          -3.9
                                                                                -2.9
                                                                                       -2.2
                                 -2.2
                                        -2.5
                                              -3.5
                                                                   -4.5
   [61381]
             -1.1
                    -1.3
                          -1.5
                                                     -4.0
                                                            -4.2
                                                                          -4.6
                                                                                -4.4
                                                                                       -4.4
                                                            -4.1
   [61393]
             -4.5
                    -5.1
                          -5.9
                                 -6.1
                                        -6.2
                                              -6.3
                                                     -6.1
                                                                   -2.6
                                                                                -0.5
                                                                                        0.0
##
                                                                          -1.4
                                                            -2.0
                                                                   -2.0
                                                                          -2.0
## [61405]
              0.4
                     0.4
                          -0.6
                                 -2.8
                                        -3.2
                                              -2.5
                                                     -2.2
                                                                                -1.8
                                                                                       -1.7
                                 -0.9
## [61417]
             -1.8
                    -1.6
                          -1.3
                                        -0.4
                                                0.2
                                                      0.9
                                                             1.9
                                                                    1.7
                                                                           2.1
                                                                                 2.8
                                                                                        3.6
## [61429]
              3.1
                     3.5
                            3.2
                                  2.6
                                         2.3
                                                2.2
                                                       2.0
                                                            -0.2
                                                                    0.1
                                                                         -0.3
                                                                               -0.4
                                                                                      -0.2
```

```
## [61441]
              1.2
                     1.4
                            2.1
                                   1.6
                                          1.9
                                                 2.3
                                                       3.0
                                                              4.2
                                                                     5.5
                                                                            6.9
                                                                                   9.0
                                                                                         11.4
             10.7
                    11.3
                                                                                   3.3
   [61453]
                            9.8
                                                       4.8
                                                              4.2
                                                                     3.9
                                                                                          2.2
                                   8.6
                                          8.2
                                                 6.5
                                                                            3.7
   [61465]
              0.9
                     0.1
                           -0.3
                                  -0.4
                                         -0.5
                                                -0.7
                                                      -0.3
                                                              1.7
                                                                     2.7
                                                                            3.6
                                                                                   4.4
                                                                                          4.9
                                                                                         -0.2
   [61477]
              5.4
                     5.3
                            4.6
                                   3.0
                                          2.4
                                                 2.0
                                                        1.5
                                                              0.9
                                                                     0.3
                                                                           -0.1
                                                                                  -0.3
##
   [61489]
             -0.3
                    -0.5
                           -0.7
                                  -0.6
                                         -0.5
                                                -0.2
                                                       0.1
                                                              1.2
                                                                     2.1
                                                                            2.8
                                                                                   3.3
                                                                                          3.7
   [61501]
              3.2
                     3.0
                            2.6
                                   1.6
                                          1.2
                                                 0.7
                                                      -0.1
                                                             -0.7
                                                                    -1.2
                                                                           -1.5
                                                                                  -1.8
                                                                                         -2.1
##
                    -3.0
                           -3.3
                                  -3.3
                                         -3.4
                                               -3.7
                                                      -3.8
                                                             -3.6
                                                                    -3.1
                                                                           -2.5
                                                                                  -2.2
                                                                                         -2.0
   [61513]
             -2.4
                    -2.7
                           -3.5
                                         -5.4
                                                             -6.1
                                                                    -6.3
                                                                           -6.6
   [61525]
             -2.0
                                  -4.9
                                                -5.7
                                                      -6.0
                                                                                  -6.8
                                                                                         -6.9
             -7.2
                                                      -8.3
##
   [61537]
                    -7.4
                           -7.6
                                  -8.0
                                         -8.3
                                               -8.6
                                                             -6.5
                                                                    -5.3
                                                                           -4.2
                                                                                  -3.3
                                                                                         -2.6
             -1.3
                    -1.3
                                  -2.9
                                         -4.3
                                               -4.5
                                                      -4.6
                                                             -5.0
                                                                    -5.3
                                                                           -5.3
                                                                                  -5.2
                                                                                         -4.9
##
   [61549]
                           -1.7
   [61561]
             -4.8
                    -4.9
                           -5.1
                                  -5.2
                                         -5.2
                                                -4.6
                                                      -3.7
                                                             -1.8
                                                                     0.0
                                                                            1.6
                                                                                   2.8
                                                                                          3.7
                                                 2.5
   [61573]
              3.6
                     3.6
                            3.3
                                   2.8
                                          1.5
                                                       3.1
                                                              3.4
                                                                     3.7
                                                                            4.3
                                                                                   5.1
                                                                                          4.7
##
##
   [61585]
              4.6
                     4.6
                            4.7
                                   4.7
                                          4.8
                                                 4.8
                                                        4.7
                                                              6.4
                                                                     8.1
                                                                            9.6
                                                                                  11.2
                                                                                         11.5
   [61597]
             11.9
                           10.8
                                  10.2
                                          9.8
                                                        8.5
                                                              8.1
                                                                     7.6
                                                                            8.6
                                                                                   8.9
##
                    11.3
                                                 8.7
                                                                                          7.6
   [61609]
              7.5
                     7.9
                            7.2
                                   6.9
                                          6.7
                                                 6.7
                                                        7.2
                                                              9.7
                                                                    12.0
                                                                           13.4
                                                                                  14.6
                                                                                         15.5
   [61621]
             15.8
                    15.6
                           14.5
                                  11.9
                                         10.8
                                                10.5
                                                      10.8
                                                             10.8
                                                                    11.0
                                                                           11.9
                                                                                  12.3
                                                                                         12.8
                    12.8
                           12.6
                                  12.2
                                         12.4
                                                12.6
                                                        4.8
                                                              3.8
                                                                     4.6
                                                                            4.1
                                                                                   2.9
                                                                                          1.7
##
   [61633]
             12.6
   [61645]
              2.8
                     3.6
                            4.4
                                   3.5
                                          3.1
                                                 2.9
                                                        2.9
                                                              3.2
                                                                     3.2
                                                                            2.9
                                                                                   2.7
                                                                                          2.3
##
   [61657]
                                                       0.7
                                                              2.7
                                                                     4.5
                                                                            5.9
                                                                                   6.8
                                                                                          7.3
              1.8
                     1.5
                            1.2
                                   1.0
                                          0.7
                                                 0.6
##
   [61669]
              8.2
                     8.1
                            7.6
                                   6.2
                                          5.7
                                                 5.0
                                                        4.5
                                                              4.5
                                                                     5.2
                                                                            5.2
                                                                                   5.1
                                                                                          4.9
##
   [61681]
              4.7
                     4.4
                            4.3
                                   4.4
                                          4.8
                                                 4.9
                                                        4.8
                                                              5.3
                                                                     6.0
                                                                            6.6
                                                                                   6.9
                                                                                          7.1
   [61693]
              9.7
                     9.6
                            9.1
                                   7.0
                                          5.7
                                                 4.8
                                                        4.7
                                                              4.7
                                                                     4.4
                                                                            3.6
                                                                                   3.6
                                                                                          4.5
##
   [61705]
              5.0
                     5.1
                            5.6
                                                 4.3
                                                              7.6
                                                                     9.4
                                                                           10.7
                                                                                  12.0
                                                                                         12.8
##
                                   5.6
                                          5.3
                                                        5.8
   [61717]
             13.1
                    12.7
                           11.7
                                                 8.3
                                                       7.5
                                                              6.2
                                                                     6.2
                                                                            4.7
                                                                                   4.0
                                                                                          3.4
##
                                   9.5
                                          8.1
              2.9
                                                              4.4
                                                                            7.9
                                                                                          9.1
##
   [61729]
                     2.6
                            1.9
                                   1.4
                                          1.2
                                                 1.0
                                                        1.4
                                                                     6.5
                                                                                   8.7
   [61741]
              8.4
                     8.2
                            7.6
                                   5.8
                                          4.5
                                                 3.8
                                                        3.0
                                                              2.4
                                                                     2.1
                                                                            1.9
                                                                                   1.6
                                                                                          1.3
   [61753]
              0.8
                     0.8
                            1.2
                                   1.1
                                          0.8
                                                 0.4
                                                        0.9
                                                              2.9
                                                                     5.1
                                                                            6.6
                                                                                   7.7
                                                                                          8.7
##
   [61765]
             11.6
                    11.5
                           10.9
                                          7.8
                                                        6.7
                                                              6.3
                                                                     5.9
                                                                            5.7
                                                                                   5.2
                                                                                          5.0
##
                                   9.0
                                                 7.0
                                                              7.5
                                                                     9.9
   [61777]
              5.0
                     4.9
                            4.7
                                   4.7
                                          4.9
                                                 4.9
                                                        5.3
                                                                           11.6
                                                                                  12.6
                                                                                         13.0
##
   [61789]
             14.5
                    14.4
                           13.7
                                  11.9
                                         11.2
                                                10.7
                                                      10.3
                                                             10.3
                                                                     9.9
                                                                            9.7
                                                                                  10.3
                                                                                         10.6
                                   9.9
##
   [61801]
             10.8
                    10.6
                           10.6
                                          8.8
                                                 9.6
                                                       9.6
                                                             11.6
                                                                    13.3
                                                                           14.7
                                                                                  15.5
                                                                                         15.8
##
   [61813]
             15.8
                    15.7
                           15.3
                                  13.9
                                         12.4
                                               11.4
                                                      11.1
                                                             11.0
                                                                    11.0
                                                                           11.1
                                                                                  11.3
                                                                                         11.3
   [61825]
             11.4
                    11.2
                           10.8
                                  10.7
                                         10.7
                                                10.7
                                                      11.1
                                                             12.9
                                                                    14.2
                                                                           15.1
                                                                                  15.7
                                                                                         15.9
                           16.4
                                         13.6
   [61837]
                    16.9
                                               13.0
                                                      12.6
                                                             12.4
                                                                    12.1
                                                                                  11.7
             16.9
                                  14.8
                                                                           11.9
                                                                                         11.4
   [61849]
             11.1
                    10.9
                           10.9
                                  11.1
                                         10.6
                                                10.6
                                                      11.1
                                                             12.7
                                                                    14.8
                                                                           15.6
                                                                                  16.5
                                                                                         16.7
                                                                           11.6
   [61861]
             15.9
                    14.9
                           14.3
                                  13.8
                                         13.0
                                               12.3
                                                      11.9
                                                             11.8
                                                                    11.7
                                                                                  11.5
                                                                                         11.4
##
   [61873]
             10.8
                    10.3
                            9.8
                                   9.5
                                          9.3
                                                 9.1
                                                       9.2
                                                             10.9
                                                                    13.0
                                                                           15.1
                                                                                  16.2
                                                                                         16.5
   [61885]
             17.7
                    17.1
                           16.0
                                  14.1
                                         11.3
                                               10.7
                                                      10.3
                                                              9.8
                                                                     9.2
                                                                            8.8
                                                                                   8.6
                                                                                          8.9
##
   [61897]
              8.7
                     8.1
                            7.7
                                   7.5
                                          7.5
                                                 8.1
                                                       9.1
                                                             11.6
                                                                    15.1
                                                                           16.2
                                                                                  16.8
                                                                                         17.1
##
                                                             12.6
   [61909]
             18.9
                    18.1
                           17.1
                                  15.4
                                         14.0
                                               13.3
                                                      12.9
                                                                    12.3
                                                                           11.9
                                                                                  12.3
                                                                                         12.6
##
   [61921]
                    11.3
                           10.4
                                  10.2
                                         10.2
                                               10.0
                                                      10.0
                                                              9.8
                                                                    11.2
                                                                           12.6
                                                                                  12.9
             11.1
   [61933]
             14.0
                    13.6
                           13.0
                                  12.2
                                         11.4
                                               11.1
                                                      11.3
                                                             11.3
                                                                    10.9
                                                                           10.9
                                                                                   9.9
                                                                                         10.4
   [61945]
                                  10.3
                                          9.3
                                                 9.0
                                                       9.5
##
             10.2
                     9.8
                           10.3
                                                             11.3
                                                                    12.0
                                                                           11.6
                                                                                  11.9
                                                                                         13.0
   [61957]
                                  12.2
                                         11.5
                                                                    10.0
                                                                                  10.0
##
             14.2
                    13.0
                           12.2
                                               11.1
                                                      10.8
                                                             10.4
                                                                            9.8
                                                                                         10.3
   [61969]
                    10.2
                           10.2
                                  10.3
                                         10.3
                                                             10.7
             10.3
                                                10.1
                                                      10.2
                                                                    10.8
                                                                           11.4
                                                                                  12.3
                                                                                         12.7
                           10.4
                                                              7.9
                                                                     7.8
                                                                            7.7
                                                                                   7.6
                                                                                          7.4
   [61981]
             11.1
                    10.9
                                   9.6
                                          8.8
                                                 8.6
                                                       8.1
##
##
   [61993]
              7.3
                     7.3
                            7.3
                                   7.2
                                          7.2
                                                 7.3
                                                       7.7
                                                              8.8
                                                                     9.9
                                                                           10.9
                                                                                  10.5
                                                                                         11.3
   [62005]
              8.6
                     9.2
                                                              7.2
                                                                     6.7
                                                                            6.6
                                                                                   6.4
                                                                                          6.0
##
                            8.7
                                   8.1
                                          8.1
                                                 8.0
                                                       7.9
   [62017]
              6.1
                     6.3
                            6.4
                                   6.5
                                          6.4
                                                 5.9
                                                        5.8
                                                              6.4
                                                                     6.8
                                                                            7.2
                                                                                   7.4
                                                                                          7.6
   [62029]
             10.2
                    10.2
                            9.7
                                   8.5
                                          6.7
                                                 6.0
                                                       5.5
                                                              5.3
                                                                     5.1
                                                                            5.0
                                                                                   6.2
                                                                                          6.3
   [62041]
              6.3
                     6.3
                            6.3
                                   6.2
                                          6.2
                                                 6.3
                                                        6.7
                                                              7.7
                                                                     8.6
                                                                            9.0
                                                                                   9.8
                                                                                          9.2
##
## [62053]
              7.3
                     7.5
                            8.0
                                   8.0
                                          8.1
                                                10.1
                                                        9.2
                                                              8.9
                                                                     9.4
                                                                            9.4
                                                                                   9.2
                                                                                          8.6
                                                                    10.9
## [62065]
              8.6
                     8.7
                            8.7
                                   8.6
                                          8.3
                                                 8.5
                                                       9.5
                                                             10.3
                                                                           11.1
                                                                                  11.6
                                                                                         12.5
## [62077]
             12.5
                    12.6
                           12.7
                                  12.0
                                         11.3
                                               11.6
                                                      11.6
                                                             11.2
                                                                    11.3
                                                                           11.0
                                                                                 10.9
                                                                                         11.3
```

```
## [62089]
             11.3
                    11.2 11.0 11.4 11.5
                                              11.4 12.2 12.4 12.4 13.2 13.5
   [62101]
             13.3
                    14.1
                          14.8
                                 14.3
                                        14.0
                                               13.9
                                                     13.8
                                                            13.9
                                                                   13.9
                                                                          14.0
                                                                                14.0
                                                                                       14.1
   [62113]
             14.1
                    14.3
                          14.5
                                 14.6
                                        14.8
                                               14.9
                                                     15.0
                                                            15.9
                                                                   17.0
                                                                          17.1
                                                                                18.4
   [62125]
             17.6
                    17.2
                          16.6
                                 15.7
                                        15.3
                                               14.9
                                                     14.7
                                                            14.6
                                                                   14.4
                                                                          14.2
                                                                                14.1
                                                                                       13.8
##
   [62137]
             13.5
                    12.8
                          12.5
                                 12.1
                                        11.3
                                               11.0
                                                     11.1
                                                            11.8
                                                                   12.5
                                                                          12.5
                                                                                 12.2
                                                                                       12.3
   [62149]
             12.4
                    12.0
                          11.8
                                 11.3
                                        10.0
                                               10.5
                                                     10.1
                                                             9.8
                                                                    9.4
                                                                           9.3
                                                                                  9.3
                                                                                        9.3
##
                                                                           9.9
                                                              9.5
                                                                    9.6
                                                                                10.0
                                                                                       10.2
   [62161]
              9.1
                     8.7
                            8.6
                                  8.3
                                         8.0
                                                7.7
                                                       8.3
                                         7.3
   [62173]
             11.2
                    11.1
                           10.6
                                  9.5
                                                6.9
                                                       6.8
                                                              6.5
                                                                    6.3
                                                                           5.9
                                                                                  5.5
                                                                                         5.2
##
   [62185]
              5.1
                     4.7
                            4.4
                                  4.4
                                         4.5
                                                4.1
                                                       5.2
                                                              8.6
                                                                   11.0
                                                                          12.1
                                                                                12.3
                                                                                       12.3
                                                             9.7
                                                                                  9.5
##
   [62197]
             13.8
                    13.2
                          13.0
                                 12.1
                                        10.7
                                               10.1
                                                     10.0
                                                                    9.7
                                                                           9.6
                                                                                         9.3
   [62209]
              9.3
                     9.5
                            9.7
                                  9.6
                                         9.6
                                                9.3
                                                      10.1
                                                            12.0
                                                                   13.4
                                                                          14.6
                                                                                15.6
                                                                                       16.2
   [62221]
                    16.5
                           16.2
                                 14.8
                                        12.7
                                               12.2
                                                      11.7
                                                            10.9
                                                                   10.5
                                                                          10.0
                                                                                  9.5
                                                                                        8.7
             16.6
##
   [62233]
              8.7
                     8.0
                            7.3
                                  6.5
                                         6.0
                                                5.7
                                                       7.1
                                                            10.1
                                                                   12.6
                                                                          14.2
                                                                                 15.1
                                                                                       16.2
                    15.4
                                                            10.3
##
   [62245]
             17.1
                           15.0
                                 15.0
                                        12.9
                                               11.4
                                                       9.8
                                                                    9.3
                                                                           8.9
                                                                                  9.0
                                                                                         9.2
   [62257]
                     9.0
                            8.6
                                  8.0
                                         7.7
                                                8.9
                                                      10.0
                                                            10.9
                                                                    9.4
                                                                           9.3
                                                                                  9.4
                                                                                         8.7
              9.1
   [62269]
             10.1
                    10.0
                            9.6
                                  7.7
                                         5.9
                                                4.9
                                                       4.2
                                                              3.7
                                                                    3.3
                                                                           3.2
                                                                                  3.0
                                                                                         2.8
   [62281]
              2.8
                     2.8
                                                              3.8
                                                                    5.0
                                                                                  7.3
                                                                                         8.3
##
                            2.8
                                  2.7
                                         2.6
                                                2.5
                                                       2.9
                                                                           6.2
   [62293]
              6.9
                     6.2
                            5.9
                                   5.7
                                         5.3
                                                5.2
                                                       4.9
                                                              4.2
                                                                    4.2
                                                                           4.2
                                                                                  3.7
                                                                                         2.6
   [62305]
                     2.3
                                                              2.2
                                                                    3.0
                                                                           3.1
                                                                                         3.3
##
              2.4
                            2.3
                                  2.1
                                         2.2
                                                1.9
                                                       1.3
                                                                                  3.1
##
   [62317]
              5.3
                     5.0
                            4.4
                                  4.4
                                         4.1
                                                3.6
                                                       3.3
                                                              3.0
                                                                    2.8
                                                                           2.8
                                                                                  2.4
                                                                                         2.0
##
  [62329]
              1.7
                     1.6
                            1.4
                                  1.2
                                         0.9
                                                0.5
                                                       0.8
                                                              1.6
                                                                    2.3
                                                                           3.0
                                                                                  3.6
                                                                                         3.4
   [62341]
              3.9
                     3.4
                            2.8
                                   2.0
                                         1.2
                                                0.7
                                                       0.3
                                                            -0.3
                                                                   -0.9
                                                                          -1.3
                                                                                 -1.8
                                                                                       -2.1
   [62353]
             -2.0
                    -2.1
                           -2.1
                                 -2.2
                                        -2.3
                                               -2.4
                                                            -1.4
                                                                   -0.3
                                                                           0.8
                                                                                  1.6
                                                                                         2.0
##
                                                     -1.9
   [62365]
              2.7
                     2.5
                            1.8
                                        -0.1
                                               -0.5
                                                     -0.9
                                                            -1.0
                                                                   -1.0
                                                                          -0.6
                                                                                 -1.2
##
                                  1.4
                                                                                       -1.3
                                        -1.0
             -0.8
                                                     -0.8
                                                                                  3.6
##
   [62377]
                    -1.2
                          -1.1
                                 -1.1
                                               -1.1
                                                             0.1
                                                                    1.0
                                                                           1.8
                                                                                         5.0
   [62389]
              5.1
                     5.4
                            5.2
                                  4.3
                                         3.0
                                                2.6
                                                       2.2
                                                              1.8
                                                                    1.0
                                                                           0.7
                                                                                  0.3
                                                                                         1.2
   [62401]
              1.0
                     0.9
                            0.8
                                  0.8
                                        -0.1
                                                0.5
                                                       1.2
                                                              2.3
                                                                    3.4
                                                                           4.6
                                                                                  6.2
                                                                                         6.9
##
   [62413]
##
              7.4
                     7.0
                            6.9
                                  6.6
                                         5.6
                                                5.3
                                                       4.0
                                                              2.6
                                                                    1.8
                                                                           1.3
                                                                                  1.2
                                                                                         2.3
   [62425]
              1.7
                     1.9
                            1.7
                                   1.6
                                         1.5
                                                1.4
                                                       2.3
                                                              3.5
                                                                    4.8
                                                                           5.6
                                                                                  6.0
                                                                                         6.5
##
   [62437]
              6.7
                     7.0
                            7.0
                                   6.7
                                         6.3
                                                6.1
                                                       5.9
                                                              5.5
                                                                    5.3
                                                                           4.6
                                                                                  4.3
                                                                                         4.1
##
   [62449]
              4.0
                     3.9
                            3.8
                                  3.7
                                         3.7
                                                3.8
                                                       4.6
                                                              5.2
                                                                    5.7
                                                                           5.9
                                                                                  6.0
                                                                                         6.8
##
   [62461]
              8.4
                     8.2
                            7.5
                                  7.0
                                         6.4
                                                5.9
                                                       5.6
                                                              5.3
                                                                    5.0
                                                                           4.9
                                                                                  4.8
                                                                                         4.6
   [62473]
              4.3
                     4.0
                            3.6
                                   3.3
                                         2.8
                                                2.5
                                                       3.1
                                                              4.1
                                                                    4.6
                                                                           5.4
                                                                                  6.0
                                                                                         6.6
   [62485]
              8.3
                     8.0
                            7.3
                                                              3.3
                                                                    2.5
                                                                                         0.7
##
                                  6.4
                                         5.0
                                                5.1
                                                       4.5
                                                                           1.8
                                                                                  1.1
   [62497]
              0.5
                     0.0
                           -0.6
                                 -0.4
                                        -0.2
                                               -0.3
                                                       0.2
                                                              0.9
                                                                    1.5
                                                                           1.7
                                                                                  2.4
                                                                                         2.6
   [62509]
              2.1
                     2.2
                            1.9
                                        -0.9
                                               -1.7
                                                      -2.3
                                                            -2.7
                                                                   -3.2
                                                                          -3.6
                                                                                 -4.0
                                                                                       -4.3
##
                                  1.1
   [62521]
             -4.1
                    -4.2
                           -4.1
                                 -4.1
                                        -4.1
                                               -4.1
                                                      -3.3
                                                            -2.2
                                                                   -0.9
                                                                           0.2
                                                                                  1.0
                                                                                         1.1
   [62533]
              0.5
                     0.5
                            0.6
                                 -0.3
                                        -1.7
                                               -2.1
                                                      -2.6
                                                            -2.9
                                                                   -3.1
                                                                          -3.2
                                                                                 -3.1
                                                                                        -3.2
##
   [62545]
             -3.2
                    -2.9
                           -2.2
                                 -2.3
                                        -2.8
                                               -3.5
                                                     -1.8
                                                            -0.1
                                                                    1.4
                                                                           3.0
                                                                                  4.7
                                                                                         5.6
##
   [62557]
              6.4
                     7.0
                            7.2
                                   6.6
                                         4.0
                                                2.8
                                                       2.2
                                                              1.4
                                                                    1.1
                                                                           1.2
                                                                                  0.5
                                                                                         0.7
##
   [62569]
              0.7
                     0.3
                                                              4.8
                                                                           7.4
                                                                                  8.4
                                                                                         9.2
                            0.4
                                  0.1
                                         1.4
                                                0.6
                                                       2.0
                                                                    6.4
   [62581]
              8.9
                     8.8
                            8.1
                                  7.0
                                         4.7
                                                3.4
                                                       2.9
                                                              3.1
                                                                    4.1
                                                                           1.7
                                                                                  1.6
                                                                                         2.9
   [62593]
##
              3.0
                     2.8
                            2.7
                                  2.5
                                         1.6
                                                2.4
                                                       3.1
                                                              4.6
                                                                    6.0
                                                                           6.9
                                                                                  7.5
                                                                                         8.1
   [62605]
              8.6
                     8.4
                                  7.2
                                                              1.9
                                                                    1.5
                                                                                  1.0
##
                            8.1
                                         5.0
                                                3.8
                                                       2.8
                                                                           1.8
                                                                                         1.5
                                                                   10.5
                                                                          12.8
                                                                                13.9
   [62617]
              2.5
                     2.7
                            3.2
                                  4.0
                                         3.7
                                                4.3
                                                       6.0
                                                             8.4
                                                                                       14.4
   [62629]
             12.9
                    13.1
                           14.6
                                 13.6
                                        12.3
                                               11.8
                                                      11.1
                                                            10.3
                                                                   10.7
                                                                          10.3
                                                                                10.6
                                                                                       10.5
##
##
   [62641]
             10.4
                     9.6
                            9.0
                                 10.5
                                         9.9
                                                9.9
                                                       9.7
                                                            10.4
                                                                   10.8
                                                                          12.6
                                                                                12.3
                                                                                       11.8
                                 13.4
                                               12.2
                                                     12.0
                                                                                       10.2
   [62653]
             12.1
                    12.4
                          14.1
                                        12.4
                                                            11.3
                                                                   10.6
                                                                          10.6
                                                                                10.3
              8.9
   [62665]
                     8.9
                            8.9
                                  9.4
                                         9.3
                                                9.4
                                                     10.9
                                                            12.2
                                                                   12.4
                                                                          12.7
                                                                                 13.9
                                                                                       14.6
   [62677]
             13.7
                    13.7
                           14.3
                                 13.6
                                        11.4
                                               11.6
                                                     10.8
                                                            10.2
                                                                    9.9
                                                                           9.5
                                                                                  9.3
                                                                                        9.2
              9.2
                     9.2
                            9.2
                                  9.1
                                         8.9
                                                8.8
                                                     10.4
                                                            11.9
                                                                   12.5
                                                                          12.9
                                                                                 13.0
                                                                                       13.4
##
   [62689]
## [62701]
             12.8
                    12.0
                           12.6
                                 12.2
                                        10.5
                                               10.7
                                                       9.6
                                                             9.2
                                                                    9.4
                                                                           8.9
                                                                                  8.5
                                                                                        8.3
## [62713]
              8.2
                     8.1
                            8.0
                                  7.7
                                         7.5
                                                7.2
                                                       9.9
                                                            11.8
                                                                   12.3
                                                                          12.7
                                                                                14.1
                                                                                       13.7
                                               13.1
## [62725]
             15.6
                    15.5
                          15.3 14.8
                                        13.1
                                                     13.0
                                                            12.5 11.2 10.7
                                                                               10.4
```

```
## [62737]
             10.2
                     9.9
                            9.7
                                   9.6
                                          9.7
                                                 9.4
                                                      11.4
                                                              13.4
                                                                     13.2
                                                                            13.2
                                                                                   14.4
                                                                                          15.5
                                                                      9.7
   [62749]
             15.4
                    15.2
                                  13.1
                                         12.7
                                                       11.0
                                                              10.4
                                                                             9.4
                                                                                    9.5
                                                                                           9.4
                           14.1
                                                12.1
   [62761]
              9.8
                     9.8
                            9.5
                                   9.6
                                          9.5
                                                 9.3
                                                       10.9
                                                              12.1
                                                                     11.9
                                                                            12.4
                                                                                   13.7
                                                                                          13.4
                                                                                           7.2
   [62773]
             13.6
                    14.0
                           13.8
                                  13.4
                                         10.3
                                                 8.7
                                                        8.5
                                                               8.3
                                                                      7.8
                                                                             7.9
                                                                                    7.8
##
##
   [62785]
              6.9
                      6.8
                            6.3
                                   5.7
                                          4.8
                                                 4.2
                                                        6.6
                                                               8.6
                                                                     10.3
                                                                            11.8
                                                                                   12.5
                                                                                          12.8
   [62797]
             10.4
                    10.5
                           10.3
                                   9.6
                                          7.7
                                                 6.8
                                                        6.0
                                                               5.6
                                                                      5.1
                                                                             4.7
                                                                                    4.3
                                                                                           4.7
##
   [62809]
              4.9
                                                               9.0
                                                                     11.2
                                                                            12.5
                                                                                   13.3
                                                                                          13.3
                     5.4
                            5.5
                                   5.3
                                          5.5
                                                 5.1
                                                        6.1
                                                               7.9
                                                                             8.4
##
   [62821]
             13.6
                    13.5
                           13.0
                                  11.9
                                          9.7
                                                 8.5
                                                        8.1
                                                                      8.0
                                                                                    8.8
                                                                                           9.3
##
   [62833]
              9.7
                    10.0
                           10.3
                                  10.8
                                         11.3
                                                11.4
                                                       11.9
                                                              13.3
                                                                     14.6
                                                                            15.3
                                                                                   14.9
                                                                                          14.7
                                                                      9.7
                                                                                    7.2
                                                                                           5.8
##
   [62845]
             14.6
                    14.8
                           15.3
                                  14.6
                                         11.5
                                                 9.9
                                                        9.7
                                                               9.0
                                                                             9.2
   [62857]
              6.1
                      3.9
                            3.0
                                   2.7
                                          2.3
                                                 2.0
                                                        4.7
                                                               6.7
                                                                      7.9
                                                                             8.8
                                                                                    9.4
                                                                                          10.1
                                                                             2.9
   [62869]
             10.8
                                  10.1
                                          7.6
                                                 6.3
                                                        5.5
                                                               4.3
                                                                      3.4
                                                                                    2.2
                                                                                           1.7
##
                    11.1
                           11.0
##
   [62881]
              1.2
                      0.9
                            1.0
                                   0.9
                                          0.9
                                                 2.2
                                                        4.9
                                                               8.1
                                                                     10.6
                                                                            11.6
                                                                                   13.4
                                                                                          12.6
   [62893]
                           10.8
                                  10.2
                                                               8.2
                                                                                    7.9
##
              9.7
                    10.7
                                          9.4
                                                 8.8
                                                        8.4
                                                                      7.8
                                                                             7.9
                                                                                           7.7
   [62905]
              7.6
                     7.6
                            8.0
                                   9.5
                                         11.2
                                                11.9
                                                       12.9
                                                              13.8
                                                                     14.4
                                                                            15.1
                                                                                   15.6
                                                                                          16.6
##
   [62917]
             17.4
                    16.4
                           17.0
                                  16.2
                                         14.9
                                                14.1
                                                       13.9
                                                              13.6
                                                                     11.3
                                                                             9.6
                                                                                    9.6
                                                                                           9.3
              8.5
                      8.2
                                   8.5
                                          8.3
                                                 7.8
                                                        7.5
                                                               7.5
                                                                      7.6
                                                                                    9.1
                                                                                           9.1
##
   [62929]
                            8.2
                                                                             8.9
   [62941]
              8.7
                      8.4
                            8.0
                                   7.4
                                          6.7
                                                 6.5
                                                        6.3
                                                               6.1
                                                                      5.9
                                                                             5.9
                                                                                    5.9
                                                                                           5.8
   [62953]
                      5.7
                                                 6.0
                                                                      7.2
                                                                             7.6
                                                                                    7.8
                                                                                           7.8
##
              5.8
                            5.7
                                   5.7
                                          5.8
                                                        6.4
                                                               6.8
##
   [62965]
              6.8
                      7.2
                            7.1
                                   6.3
                                          5.6
                                                 5.3
                                                        5.1
                                                               5.0
                                                                      4.9
                                                                             4.7
                                                                                    4.7
                                                                                           4.8
              4.9
##
   [62977]
                      4.9
                            5.0
                                   5.1
                                          5.1
                                                 5.2
                                                        5.9
                                                               6.4
                                                                      6.4
                                                                             7.1
                                                                                    7.5
                                                                                           7.5
   [62989]
              7.7
                      7.5
                            7.1
                                    6.8
                                          6.3
                                                 6.0
                                                        5.8
                                                               5.5
                                                                      5.3
                                                                             5.1
                                                                                    5.1
                                                                                           5.0
##
                                                                      7.0
   [63001]
                                                               6.4
                                                                             7.5
                                                                                    7.9
                                                                                           8.7
##
              5.1
                      5.1
                            5.2
                                   5.2
                                          5.2
                                                 5.3
                                                        5.9
   [63013]
             10.2
                    10.4
                           10.7
                                  10.4
                                                 9.2
                                                        8.8
                                                               8.6
                                                                      8.2
                                                                             7.7
                                                                                    7.2
                                                                                           7.2
##
                                          9.8
                                                                                   10.4
                                                                                          10.8
##
   [63025]
              7.3
                     7.1
                            6.8
                                    6.4
                                          6.1
                                                 6.0
                                                        7.3
                                                               8.7
                                                                      9.8
                                                                            10.1
   [63037]
             12.1
                    12.2
                           12.0
                                  11.3
                                          9.6
                                                 7.7
                                                        6.5
                                                               6.4
                                                                      6.3
                                                                             6.4
                                                                                    5.3
                                                                                           4.6
   [63049]
              4.1
                     3.9
                            3.8
                                   3.7
                                          3.4
                                                 4.3
                                                        7.3
                                                               9.0
                                                                      9.7
                                                                             9.9
                                                                                   10.2
                                                                                          10.4
##
   [63061]
             11.0
                           11.5
                                                        7.6
                                                               7.0
                                                                                    6.3
##
                    10.9
                                  10.9
                                          9.6
                                                 8.6
                                                                      6.9
                                                                             6.7
                                                                                           6.1
   [63073]
              5.8
                      5.7
                            5.6
                                    5.6
                                          5.5
                                                 5.7
                                                        6.6
                                                               7.4
                                                                      8.3
                                                                             9.2
                                                                                   10.3
                                                                                          11.3
##
   [63085]
             12.3
                    11.0
                           10.6
                                  10.1
                                          9.6
                                                 8.3
                                                        7.9
                                                               7.7
                                                                      7.6
                                                                             7.6
                                                                                    7.6
                                                                                           7.5
##
   [63097]
              7.2
                     7.0
                            6.9
                                    6.8
                                          6.6
                                                 6.7
                                                        7.6
                                                               8.5
                                                                      9.5
                                                                             9.9
                                                                                   10.8
                                                                                          11.0
##
   [63109]
             10.4
                    10.3
                           10.0
                                   9.6
                                          9.2
                                                 9.1
                                                        8.6
                                                               8.8
                                                                      8.3
                                                                             8.0
                                                                                    7.8
                                                                                           7.5
##
   [63121]
              6.9
                     5.5
                            5.2
                                    6.4
                                          6.6
                                                 7.0
                                                        8.3
                                                               9.6
                                                                      9.9
                                                                            10.6
                                                                                   11.8
                                                                                          12.3
   [63133]
                    10.9
                                                        7.4
                                                               7.9
                                                                      7.4
                                                                             5.8
                                                                                    5.0
                                                                                           4.3
             10.6
                           10.4
                                  10.6
                                         10.2
                                                 8.8
##
   [63145]
              3.8
                     3.4
                            3.2
                                   3.2
                                          3.4
                                                 4.7
                                                        5.9
                                                               6.9
                                                                      7.8
                                                                             8.7
                                                                                    9.4
                                                                                          10.5
##
                                                        6.2
   [63157]
              9.8
                    10.3
                           10.0
                                   9.2
                                                 6.8
                                                                                    3.9
                                                                                           4.6
##
                                          8.1
                                                               6.1
                                                                      5.3
                                                                             4.3
   [63169]
              4.2
                      4.4
                            4.5
                                   4.6
                                          4.6
                                                 4.9
                                                        6.0
                                                               7.6
                                                                      9.0
                                                                             9.6
                                                                                    9.0
                                                                                          10.6
   [63181]
             10.7
                    10.0
                            8.2
                                   7.7
                                          5.9
                                                 4.7
                                                        3.9
                                                               3.1
                                                                      2.5
                                                                             2.2
                                                                                    1.9
                                                                                           1.5
##
   [63193]
              1.0
                      0.3
                            0.1
                                   0.0
                                         -0.1
                                                 0.8
                                                        2.9
                                                               4.1
                                                                      5.1
                                                                             6.1
                                                                                    6.9
                                                                                           7.4
##
   [63205]
              7.9
                      7.8
                            7.4
                                    6.5
                                          5.3
                                                 3.4
                                                        2.6
                                                               2.2
                                                                      2.0
                                                                             1.6
                                                                                    1.3
                                                                                           1.2
##
   [63217]
              1.2
                      1.2
                                                        4.9
                                                               6.3
                                                                      7.4
                                                                             8.4
                                                                                    9.2
                                                                                           9.7
                            1.3
                                    1.3
                                          1.3
                                                 2.5
   [63229]
              9.5
                      9.6
                            9.3
                                   8.3
                                          6.6
                                                 4.5
                                                        3.7
                                                               2.8
                                                                      2.7
                                                                             2.4
                                                                                    3.0
                                                                                           3.3
##
   [63241]
##
              1.8
                      1.3
                            2.6
                                    3.0
                                          3.3
                                                 4.2
                                                        4.9
                                                               5.9
                                                                      6.3
                                                                             6.7
                                                                                    8.3
                                                                                           8.3
                                   7.8
                                                                                    5.2
                                                                                           5.5
##
   [63253]
              7.7
                      8.3
                            7.9
                                          7.7
                                                 5.2
                                                        5.0
                                                               4.9
                                                                      6.1
                                                                             5.1
   [63265]
              5.6
                     5.7
                                                                     10.4
                                                                                          12.9
##
                            5.7
                                    5.4
                                          4.8
                                                 5.9
                                                        7.1
                                                               8.8
                                                                            11.4
                                                                                   12.3
                                                               6.2
   [63277]
             11.6
                    11.6
                           11.2
                                  10.3
                                          8.8
                                                 6.4
                                                        6.3
                                                                      5.9
                                                                             5.6
                                                                                    5.3
                                                                                           4.8
##
##
   [63289]
              4.5
                      4.1
                            3.8
                                   3.7
                                          3.5
                                                 5.0
                                                        8.5
                                                              10.7
                                                                     12.3
                                                                            13.4
                                                                                   14.1
                                                                                          14.4
   [63301]
                                  12.5
                                                                                          10.0
##
             14.5
                    14.6
                           13.8
                                         11.3
                                                 9.7
                                                       10.0
                                                               9.8
                                                                     10.0
                                                                            10.1
                                                                                   10.1
   [63313]
              9.7
                     8.7
                            9.3
                                   8.9
                                          9.0
                                                10.1
                                                       11.9
                                                              12.7
                                                                     12.9
                                                                            13.8
                                                                                   12.8
                                                                                          13.4
                                                               7.6
                                                                      7.2
                                                                                    7.0
   [63325]
             10.8
                    10.4
                           10.6
                                  11.0
                                         10.7
                                                 8.9
                                                        8.4
                                                                             6.8
                                                                                           6.6
              6.3
                            6.0
                                   5.7
                                          5.2
                                                 5.4
                                                        5.9
                                                               6.3
                                                                      6.8
                                                                             7.4
                                                                                    8.7
                                                                                           9.6
##
   [63337]
                      6.1
   [63349]
             11.5
                    11.5
                           11.3
                                  10.6
                                          9.0
                                                 6.9
                                                        6.1
                                                               5.6
                                                                      5.1
                                                                             4.6
                                                                                    4.3
                                                                                           3.9
   [63361]
              3.9
                      3.8
                            3.5
                                   3.3
                                          3.2
                                                 3.9
                                                        5.5
                                                               7.2
                                                                      8.5
                                                                             9.8
                                                                                   10.7
                                                                                          10.6
##
## [63373]
             13.3
                    13.9
                           13.5
                                  12.9
                                         12.3
                                                11.6
                                                       10.9
                                                              10.6
                                                                     10.8
                                                                            10.7
                                                                                   10.6
                                                                                          10.3
```

```
## [63385]
              9.0
                    8.9
                           9.3
                                  9.5
                                         9.6
                                             10.3 13.3 15.9 18.2 17.7 17.7
   [63397]
             16.7
                   16.2
                          16.0
                                15.4
                                       13.8
                                              13.5
                                                    13.3
                                                           12.1
                                                                  11.7
                                                                         11.9
                                                                               12.0
                                                                                      12.0
   [63409]
                                                    12.4
                                                                               20.1
             11.8
                   11.5
                          11.0
                                 10.8
                                       10.5
                                              11.4
                                                           14.1
                                                                  16.1
                                                                         18.1
                                                     14.2
                                                                  13.2
                                                                         12.5
   [63421]
             19.4
                   19.0
                          18.5
                                 17.5
                                       16.4
                                              15.0
                                                           13.7
                                                                               11.9
                                                                                      11.7
   [63433]
             11.9
                   11.7
                          11.8
                                 11.2
                                       10.7
                                              12.7
                                                     13.7
                                                           14.8
                                                                  15.4
                                                                         15.8
                                                                               16.5
                                                                                      15.1
   [63445]
             14.9
                   14.8
                          14.6
                                13.9
                                       12.9
                                              11.5
                                                     10.1
                                                            9.8
                                                                   9.9
                                                                         10.1
                                                                               10.2
                                                                                      10.2
##
   [63457]
                   10.1
                          10.0
                                 10.0
                                       10.0
                                              10.5
                                                     11.7
                                                           12.1
                                                                  12.3
                                                                         12.8
             10.2
                                                                               13.2
                   12.7
                                 12.6
                                       11.7
                                               9.7
                                                                   8.5
                                                                          8.5
   [63469]
             13.1
                          13.0
                                                      9.0
                                                            8.8
                                                                                8.3
                                                                                       8.3
##
   [63481]
              8.7
                    8.7
                           8.4
                                  8.3
                                         8.7
                                               9.7
                                                     10.6
                                                           11.4
                                                                  12.2
                                                                         14.5
                                                                               15.4
                                                                                      16.0
             14.5
                   15.4
                          15.0
                                                           11.0
##
   [63493]
                                 13.3
                                       12.9
                                              11.4
                                                     11.0
                                                                  11.2
                                                                         11.5
                                                                               11.6
                                                                                      11.7
   [63505]
             11.8
                   11.8
                          11.5
                                 11.1
                                       10.5
                                              10.4
                                                    10.1
                                                           10.9
                                                                  10.7
                                                                         10.9
                                                                               11.8
                                                                                      13.9
   [63517]
             16.3
                   16.5
                          16.4
                                 14.4
                                       13.1
                                              11.2
                                                     10.5
                                                            9.5
                                                                   9.9
                                                                          9.6
                                                                                9.4
                                                                                       8.6
##
   [63529]
              8.3
                    8.2
                           8.7
                                  9.0
                                         9.0
                                              10.7
                                                     12.8
                                                           14.6
                                                                  16.0
                                                                         17.1
                                                                               17.9
                                                                                      18.5
                                                                         13.5
   [63541]
             19.2
                   17.9
                          17.0
                                 15.5
                                       14.0
                                              13.5
                                                     13.1
                                                           13.3
                                                                  13.2
##
                                                                               12.1
                                                                                      11.0
   [63553]
             10.0
                    8.9
                           8.3
                                  7.8
                                        7.5
                                               8.3
                                                      9.1
                                                           10.2
                                                                  11.5
                                                                         12.1
                                                                               12.7
                                                                                      13.2
   [63565]
             13.7
                    13.8
                          13.6
                                 12.5
                                       10.8
                                               8.8
                                                      8.0
                                                            7.5
                                                                   7.0
                                                                          6.6
                                                                                6.2
                                                                                       5.8
   [63577]
              5.6
                    5.0
                           4.7
                                  4.6
                                         4.3
                                               6.8
                                                     10.3
                                                           12.4
                                                                  13.6
                                                                         13.9
                                                                               12.4
                                                                                       7.9
##
   [63589]
             13.9
                   13.8
                          13.2
                                 13.2
                                       11.1
                                               9.5
                                                      8.8
                                                            9.5
                                                                   9.0
                                                                          8.9
                                                                                6.0
                                                                                       5.1
                                                                   9.8
   [63601]
                    3.3
                           3.0
                                  3.0
                                         2.8
                                                      7.4
                                                            9.0
                                                                         10.7
                                                                                      11.9
              3.7
                                               5.0
                                                                               11.3
   [63613]
             12.6
                   12.7
                          12.4
                                 11.7
                                       10.0
                                               7.6
                                                      7.3
                                                            7.3
                                                                   6.9
                                                                          6.6
                                                                                6.2
                                                                                       6.4
                                                     11.0
                                                           13.0
##
   [63625]
              6.4
                    6.8
                           7.0
                                  6.6
                                         6.9
                                               8.4
                                                                  14.1
                                                                         15.0
                                                                               15.9
                                                                                      16.4
   [63637]
             15.3
                   15.1
                          15.3
                                 14.1
                                       13.4
                                              11.8
                                                     11.1
                                                           11.2
                                                                   9.8
                                                                          9.3
                                                                                8.8
                                                                                       9.2
             10.6
   [63649]
                          11.1
                                 11.1
                                       10.9
                                              12.7
                                                     14.5
                                                           16.3
                                                                  17.2
                                                                         16.2
                                                                               15.5
                                                                                      15.1
##
                   11.1
   Γ636611
                   16.6
                          16.4
                                 15.1
                                       14.2
                                              13.9
                                                     13.0
                                                           12.5
                                                                   9.7
                                                                          8.0
                                                                                7.6
                                                                                       7.4
##
             16.2
                                         6.2
                                                                          7.1
                                                                                7.5
                                                                                       7.8
##
   [63673]
              7.1
                     6.7
                           6.4
                                  6.2
                                               7.1
                                                      7.6
                                                            7.8
                                                                   7.7
   [63685]
             11.4
                   10.8
                           9.6
                                  9.4
                                         8.7
                                               8.0
                                                      7.6
                                                             7.6
                                                                   7.3
                                                                          6.9
                                                                                6.4
                                                                                       5.1
   [63697]
              4.5
                    3.7
                           3.2
                                  3.0
                                         2.9
                                               6.2
                                                      7.5
                                                             8.8
                                                                   9.9
                                                                         11.0
                                                                               11.9
                                                                                      11.0
##
   [63709]
             10.5
                   10.5
                                  9.5
                                                      7.8
                                                             7.0
                                                                   5.1
                                                                          5.7
                                                                                6.2
##
                          10.2
                                         8.6
                                               8.0
                                                                                       6.2
              5.2
   [63721]
                    6.4
                           6.3
                                  6.1
                                         6.7
                                               7.4
                                                             8.8
                                                                  10.2
                                                                         11.3
                                                                                11.5
                                                                                      11.9
##
                                                      8.1
   [63733]
              9.5
                   10.6
                          11.1
                                 10.1
                                         9.7
                                               8.6
                                                      7.0
                                                             6.3
                                                                   6.0
                                                                          5.9
                                                                                5.6
                                                                                       5.0
##
   [63745]
              4.7
                     4.4
                           3.9
                                  3.4
                                         3.1
                                               5.0
                                                      7.2
                                                             9.4
                                                                  11.3
                                                                         12.5
                                                                                13.3
                                                                                      14.0
##
   [63757]
             13.7
                   13.5
                          12.8
                                 11.6
                                       10.1
                                               7.4
                                                      6.5
                                                            6.8
                                                                   6.6
                                                                          6.8
                                                                                6.5
                                                                                       6.1
   [63769]
              5.8
                    5.4
                           5.0
                                  4.6
                                         4.6
                                               7.1
                                                     11.3
                                                           13.6
                                                                  15.1
                                                                         15.7
                                                                                16.0
                                                                                      16.5
   [63781]
             17.1
                   16.5
                          15.7
                                 14.7
                                       13.0
                                               9.4
                                                      8.6
                                                            8.8
                                                                   8.8
                                                                          8.3
                                                                                8.0
                                                                                       8.9
   [63793]
              8.3
                    7.3
                           6.0
                                  5.9
                                        5.9
                                               8.6
                                                     12.1
                                                           15.8
                                                                  18.4
                                                                         19.9
                                                                               20.7
                                                                                      21.0
   [63805]
             21.0
                   21.0
                          20.5
                                 19.4
                                       17.7
                                              14.7
                                                     13.1
                                                           12.5
                                                                  12.1
                                                                         12.4
                                                                               11.9
##
                                                                                      11.5
   [63817]
             11.6
                   11.3
                          10.7
                                  9.9
                                         9.6
                                              12.0
                                                     15.1
                                                           17.6
                                                                  19.3
                                                                         20.3
                                                                               21.0
   [63829]
             22.4
                   22.2
                          21.9
                                 21.2
                                       19.7
                                              17.1
                                                     15.4
                                                           14.5
                                                                  13.9
                                                                         13.6
                                                                               13.5
                                                                                      13.2
   [63841]
             12.9
                   12.6
                          12.1
                                 11.2
                                       10.8
                                              13.1
                                                     16.8
                                                           19.0
                                                                  20.6
                                                                         21.6
                                                                               22.0
                                                                                      22.4
##
                                 20.0
   [63853]
             22.8
                   22.2
                          21.5
                                       17.0
                                              15.9
                                                    13.0
                                                           12.5
                                                                  11.0
                                                                         11.3
                                                                               11.4
                                                                                      11.0
##
   [63865]
                    9.8
                           9.2
                                  8.4
                                        8.7
                                              10.8
                                                    12.8
                                                           14.2
                                                                  15.1
                                                                         15.9
             10.3
                                                                               16.4
   [63877]
             18.4
                   18.5
                          18.4
                                 17.9
                                       16.6
                                              14.0
                                                     13.4
                                                           12.5
                                                                  11.9
                                                                         11.4
                                                                               11.0
                                                                                      10.7
   [63889]
                                 10.4
                                       10.8
                                              12.6
                                                     15.4
                                                           17.2
                                                                  18.6
             10.5
                   10.4
                          10.4
                                                                         19.6
                                                                               20.4
                                                                                      20.7
   [63901]
             20.5
                   20.1
                          19.2
                                 17.9
                                       16.3
                                                     11.5
                                                           10.5
                                                                   9.9
                                                                                9.5
##
                                              12.7
                                                                          9.7
                                                                                       9.2
   [63913]
                                         9.6
                                              13.0
                                                     15.7
                                                           17.6
                                                                  19.0
                                                                         20.1
                                                                               21.0
              9.2
                    9.1
                           8.8
                                  8.5
                                                                                      21.5
                                              16.3
                                                     15.1
                                                                  13.9
   [63925]
             21.7
                   21.6
                          20.7
                                 19.7
                                       18.3
                                                           14.3
                                                                         13.7
                                                                               13.5
                                                                                      13.3
                                                           17.8
                                                                  18.9
##
   [63937]
             13.0
                   12.7
                          12.4
                                 12.2
                                       12.6
                                              14.4
                                                     16.2
                                                                         20.1
                                                                               21.0
                                                                                      21.7
   [63949]
                                 20.8
                                       18.9
                                              16.8
                                                     15.5
                                                           14.7
                                                                  14.3
                                                                               13.6
                                                                                      13.3
             21.8
                   21.7
                          21.4
                                                                         13.9
   [63961]
             13.2
                   11.9
                          12.4
                                 12.1
                                       13.5
                                              12.4
                                                     11.6
                                                           11.2
                                                                  11.4
                                                                         12.4
                                                                               12.2
                                                                                      12.7
                                                                                       7.9
   [63973]
             11.6
                   10.8
                          10.7
                                 10.0
                                         9.5
                                               8.6
                                                      8.5
                                                            8.4
                                                                   8.3
                                                                          8.0
                                                                                6.9
   [63985]
              8.0
                    6.4
                           5.9
                                  4.7
                                         4.9
                                               7.9
                                                      9.9
                                                           11.5
                                                                  12.8
                                                                         13.7
                                                                                14.5
                                                                                      15.2
##
## [63997]
             16.7
                   16.8
                          16.0
                                 14.7
                                       13.2
                                              10.3
                                                      9.8
                                                            9.4
                                                                   9.1
                                                                          8.8
                                                                                8.5
                                                                                       9.3
## [64009]
              9.8
                    9.8
                           9.8
                                 10.0
                                       10.4
                                              12.3
                                                     11.9
                                                           11.7
                                                                  11.2
                                                                         12.3
                                                                               13.3
                                                                                      13.6
## [64021]
             14.7
                   13.9
                         12.4 11.6
                                       10.7
                                               8.2
                                                      6.7
                                                             6.2
                                                                   5.5
                                                                          5.1
                                                                                5.5
                                                                                       5.7
```

```
## [64033]
             5.2
                    4.9
                          5.1
                                5.6
                                       6.9
                                           10.4 10.9
                                                        11.8 12.9 14.1
                  11.6
                         11.2
   [64045]
            11.7
                               10.7
                                     10.4
                                             7.1
                                                   5.8
                                                         5.4
                                                                5.8
                                                                      5.5
                                                                            6.3
                                                                                   5.7
   [64057]
             4.9
                    4.3
                          3.9
                                3.3
                                       3.6
                                             7.2
                                                   9.1
                                                        10.4
                                                               11.4
                                                                     12.4
                                                                           13.2
                                                                                  13.7
                                                          8.3
                                                                7.5
                                                                      7.2
                                                                             6.9
  [64069]
            14.0
                  14.2
                         14.3
                               14.0
                                     13.1
                                            10.7
                                                   9.5
                                                                                   6.5
   [64081]
             6.2
                   5.9
                          5.8
                                5.9
                                       6.2
                                             9.7
                                                  12.7
                                                        14.5
                                                               15.9
                                                                     17.1
                                                                           17.8
                                                                                  17.9
   [64093]
            18.0
                  18.0
                         17.4
                               16.6
                                     15.6
                                           13.8
                                                  11.4
                                                        10.9
                                                               10.9
                                                                     10.5
                                                                           10.3
                                                                                  10.1
##
                    9.7
                          9.7
                                9.3
                                     10.4
                                            12.7
                                                  15.0
                                                        17.1
                                                               18.2
                                                                     18.2
   [64105]
            10.0
                                                                           17.4
            19.0
                  18.9
                                     16.4
                                                        13.3
                                                                     12.9
                                                                           12.5
   [64117]
                         18.6
                               17.6
                                            14.4
                                                  13.4
                                                               13.0
                                                                                  11.6
   [64129]
            11.5
                  11.2
                         10.6
                               10.3
                                     11.0
                                            13.5
                                                  15.7
                                                        17.1
                                                               18.2
                                                                     18.0
                                                                           19.8
                                                                                  20.2
   [64141]
            19.4
                  19.0
                         18.8
                               18.1
                                     16.9
                                            13.9
                                                  12.8
                                                        12.1
                                                               11.7
                                                                     11.5
                                                                           11.9
                                                                                  12.2
   [64153]
            12.2
                  12.0
                         12.0
                               11.5
                                     11.9
                                            14.5
                                                  17.1
                                                        19.0
                                                               20.5
                                                                     21.7
                                                                            22.6
   [64165]
            22.5
                  21.8
                         21.0
                               20.0
                                     18.8
                                            16.3
                                                  15.6
                                                        15.3
                                                               15.2
                                                                     15.0
                                                                           14.9
                                                                                  14.8
   [64177]
            14.0
                  14.2
                         13.5
                               13.1
                                     13.8
                                            16.7
                                                  19.9
                                                        21.4
                                                               21.9
                                                                     21.8
                                                                           24.0
                                                                                  24.9
   [64189]
            25.5
                  24.9
                         23.8
                               22.6
                                     20.5
                                            18.1
                                                                     14.6
                                                                           15.3
                                                  16.8
                                                        16.1
                                                               15.3
                                                                                  15.1
   [64201]
            14.8
                  14.4
                         13.8
                               12.6
                                     14.0
                                            15.8
                                                  17.7
                                                        18.9
                                                               19.2
                                                                     19.9
                                                                           20.7
                                                                                  20.8
   [64213]
            21.5
                  21.1
                         20.4
                               19.5
                                     18.2
                                            15.3
                                                  13.8
                                                        13.1
                                                               12.6
                                                                     12.5
                                                                           12.2
                                                                                  11.9
   [64225]
            11.5
                  10.9
                         10.4
                                9.8
                                     11.4
                                            14.1
                                                  16.0
                                                        16.7
                                                               18.5
                                                                     19.9
                                                                           21.1
                                                                                  21.9
##
   [64237]
            20.1
                  20.3
                         20.1
                               19.3
                                     18.0
                                            16.0
                                                  14.7
                                                        14.2
                                                               13.4
                                                                     12.8
                                                                           11.8
  [64249]
            10.7
                  10.3
                         10.1
                                9.8
                                     11.3
                                            14.3
                                                  16.8
                                                        18.8
                                                               20.3
                                                                     21.3
                                                                           22.1
                                                                                  22.5
## [64261]
            21.8
                  21.7
                         21.4
                               20.7
                                     19.8
                                            17.5
                                                  15.9
                                                        14.8
                                                               13.8
                                                                     13.1
                                                                           12.9
                                                                                  12.8
                                     13.2
                                            16.1
## [64273]
            12.6
                  12.3
                         12.2
                               12.0
                                                  18.6
                                                        20.5
                                                               21.8
                                                                     22.9
                                                                           23.5
                                                                                  23.5
  [64285]
            23.1
                  21.8
                         21.2
                               19.7
                                     18.7
                                            17.8
                                                  17.2
                                                        17.0
                                                               15.6
                                                                     14.8
                                                                           15.4
  [64297]
            15.4
                  15.1
                         14.9
                               14.9
                                     15.1
                                           15.9
                                                  17.1
                                                        19.8
                                                               21.5
                                                                     22.3
                                                                           22.9
                                                                                  23.2
##
   [64309]
            23.9
                  23.7
                         23.3
                               22.4
                                     21.0
                                            18.1
                                                  16.5
                                                        15.6
                                                               15.0
                                                                     14.6
                                                                           14.6
##
                                                                                  14.2
                                                                     23.4
            14.2
                                                  19.7
                                                        21.3
                                                               22.5
                                                                           23.8
                                                                                  24.1
##
   [64321]
                  13.7
                         13.4
                               13.1
                                     14.3
                                           17.2
   [64333]
            24.9
                  24.5
                         24.0
                               23.3
                                     21.9
                                            19.2
                                                  16.7
                                                        15.7
                                                               15.2
                                                                     14.5
                                                                           14.2
   [64345]
            13.4
                  13.0
                         12.9
                               13.4
                                     15.3
                                            18.2
                                                  20.5
                                                        22.1
                                                               23.5
                                                                     24.2
                                                                           24.7
                                                                                  25.1
   [64357]
            26.9
                               25.6
                                     24.1
                                            20.7
                                                  18.8
                                                        18.1
                                                               18.0
                                                                     17.6
##
                  26.9
                         26.4
                                                                           17.3
                                                                                  16.6
                                                               25.7
   [64369]
            16.0
                  15.7
                         15.5
                               15.3
                                     17.1
                                            20.0
                                                  22.7
                                                        24.6
                                                                     26.4
                                                                           26.8
                                                                                  26.7
##
   [64381]
            28.3
                  27.9
                         27.4
                               26.3
                                     24.4
                                            21.1
                                                  19.0
                                                        18.3
                                                               17.7
                                                                     17.2
                                                                            16.6
                                                                                  16.0
   [64393]
            15.9
                  15.7
                         15.5
                               15.5
                                     17.7
                                            21.0
                                                  23.5
                                                        26.0
                                                               27.2
                                                                     27.7
                                                                            28.0
                                                                                  28.0
##
   [64405]
            30.3
                  27.9
                         27.8
                               28.1
                                     27.3
                                            25.9
                                                  23.9
                                                        21.3
                                                               21.6
                                                                     20.0
                                                                            18.8
                                                                                  18.1
   [64417]
            17.6
                  17.2
                         16.8
                               15.8
                                     17.4
                                            19.1
                                                  21.1
                                                        22.1
                                                               23.1
                                                                     21.7
                                                                            20.4
                                                                                  21.6
   [64429]
            22.9
                  22.5
                         22.1
                               21.2
                                     20.1
                                            18.2
                                                  16.7
                                                        15.7
                                                               15.0
                                                                     14.4
                                                                           14.0
                                                                                  13.4
   [64441]
            13.0
                  12.4
                         11.9
                               11.5
                                     13.2
                                            15.6
                                                  17.6
                                                        18.9
                                                               19.7
                                                                     20.5
                                                                           21.1
                                                                                  21.3
   [64453]
            21.1
                  20.9
                         20.6
                               19.9
                                     18.9
                                            17.2 15.4
                                                        14.6
                                                               14.1
                                                                     13.6 13.4
##
                                                                                  12.9
   [64465]
            12.3
                  12.0
                         11.7
                               11.4
                                     13.2
                                            15.2
                                                  16.7
                                                        17.8
                                                               18.6
                                                                     19.3
                                                                          19.8
   [64477]
            19.8
                  19.8
                         19.5
                               18.8
                                     17.7
                                            16.0
                                                  14.6
                                                        13.9
                                                               13.4
                                                                     13.0 12.4
                                                                                  11.7
   [64489]
            11.0
                  10.6
                         10.2
                                9.9
                                     12.3
                                            15.1
                                                  16.7
                                                        18.0
                                                               19.0
                                                                     19.9
                                                                           20.2
                                                                                  20.5
   [64501]
            20.6
                  20.5
                         20.0
                               19.1
                                     17.8
                                            16.0
                                                  15.0
                                                        14.5
                                                               13.7
                                                                     13.0 12.4
                                                                                  12.0
##
                               11.0
                                     12.5
                                            14.8
                                                  17.0
                                                        18.8
                                                               19.6
                                                                     20.1
   [64513]
            11.7
                  11.4
                         11.3
                                                                           20.7
   [64525]
            21.3
                  21.2
                         21.0
                               20.3
                                     19.3
                                            17.8
                                                  16.6
                                                        15.6
                                                               14.6
                                                                     13.6
                                                                           12.5
                                                                                  11.7
                                9.9
                                     12.4
                                            15.8
                                                  18.4
                                                        20.3
   [64537]
            10.9
                  10.4
                         10.1
                                                               21.4
                                                                     22.2
                                                                           22.4
                                                                                  22.8
   [64549]
                                     21.2
                                                        16.5
                                                               15.9
                                                                     15.6
                                                                           15.3
##
            22.9
                  23.0
                         22.7
                               22.1
                                            18.3
                                                  17.0
                                                                                  14.7
   [64561]
                                     15.3
                                                  20.8
                                                        22.5
                                                               23.7
            14.2
                  13.7
                         13.1
                               13.7
                                            18.0
                                                                     24.6
                                                                           25.2
                                                                                  25.1
                  25.0
                                                  17.4
                                                        15.7
                                                               15.3
   [64573]
            25.5
                         24.4
                               23.3
                                     21.9
                                            18.8
                                                                     15.2
                                                                           15.1
                                                                                  15.3
##
                                                        23.2
                                                               24.3
##
   [64585]
            15.2
                  14.7
                         14.4
                               14.1
                                     16.8
                                            19.4
                                                  21.4
                                                                     25.3
                                                                           26.0
                                                                                  26.5
   [64597]
                  26.3
                         25.7
                                     23.1
                                            20.8
                                                  18.1
                                                        17.7
                                                                            16.1
                                                                                  15.9
##
            26.7
                               24.8
                                                               17.4
                                                                     16.1
   [64609]
            15.8
                  15.3
                         14.5
                               14.1
                                     16.9
                                            19.9
                                                  22.7
                                                        24.5
                                                               25.6
                                                                     26.3
                                                                           26.5
                                                                                  26.1
                                     23.2
                                                               17.0
   [64621]
            26.4
                  26.0
                         25.2
                               24.3
                                            20.9
                                                  18.1
                                                        16.9
                                                                     16.9
                                                                           16.2
                                                                                  15.9
  [64633]
                  16.2
                         16.2
                               16.1
                                     17.5
                                            20.2
                                                  22.8
                                                        24.7
                                                               26.1
                                                                     27.2
                                                                           28.1
##
            16.1
                                                                                  28.7
                                            24.2
## [64645]
            28.8
                  28.7
                         28.5
                               27.9
                                     26.7
                                                  20.7
                                                        18.6
                                                               17.8
                                                                     17.1
                                                                           16.7
                                                                                  16.3
## [64657]
            15.7
                  15.0
                         14.9
                               14.9
                                     17.3
                                           19.9
                                                  21.8
                                                        23.0
                                                               24.0
                                                                     25.2
                                                                           26.1
                                                                                  26.7
                                           21.7
## [64669]
            26.9
                  27.0 26.9 26.1
                                     24.3
                                                  19.6 18.5 17.7 16.8 15.9
                                                                                 15.4
```

```
## [64681]
            14.8
                   14.4
                        14.2
                               13.9
                                      16.2
                                            18.3
                                                   20.0
                                                         21.6 23.0
                                                                      24.3
                                                                             25.3
   [64693]
            27.5
                   27.7
                         27.3
                                26.4
                                      25.2
                                            22.5
                                                   20.0
                                                         18.8
                                                                17.8
                                                                      16.8
                                                                             16.0
                                                                                   15.6
   [64705]
                                                   19.2
                                                         21.2
                                                                             23.9
            15.3
                   15.9
                         15.9
                                15.7
                                      16.4
                                            17.4
                                                                23.3
                                                                      24.1
                                                                                   23.7
                                            20.5
                                                   18.3
                                                         17.2
                                                                16.7
   [64717]
            25.8
                   25.4
                         24.5
                                23.3
                                      21.5
                                                                      16.5
                                                                             15.7
                                                                                   16.6
   [64729]
            16.9
                   16.6
                         16.9
                                17.1
                                      17.7
                                             19.1
                                                   21.0
                                                         21.3
                                                                22.0
                                                                      23.1
                                                                             24.6
                                                                                   24.9
   [64741]
            24.7
                   24.2
                         23.9
                                23.4
                                      22.8
                                            20.6
                                                   18.8
                                                         18.5
                                                                18.3
                                                                      17.8
                                                                             17.5
##
                                                                                   17.2
                                14.9
                                      16.8
                                            17.9
                                                   19.4
                                                         20.9
                                                                22.3
                                                                      23.9
   [64753]
            17.0
                   16.7
                         15.8
                                                                             24.7
                   28.2
                         28.0
                                27.2
                                      25.7
                                            22.0
                                                         19.5
                                                                18.1
                                                                      17.5
   [64765]
            28.0
                                                   19.1
                                                                            17.3
                                                                                   16.8
                                                         24.9
##
   [64777]
            16.2
                   16.0
                         15.6
                                15.0
                                      17.8
                                             20.7
                                                   22.9
                                                                26.7
                                                                      28.1
                                                                             29.1
                                                                                   29.6
            29.3
                         28.9
                                             24.9
                                                   21.9
                                                         20.5
                                                                20.1
                                                                      20.3
                                                                             20.0
##
   [64789]
                   29.1
                                28.3
                                      27.1
                                                                                   19.4
   [64801]
            18.3
                   17.6
                         17.4
                                18.0
                                      20.0
                                             22.3
                                                   24.1
                                                         25.3
                                                                26.2
                                                                      27.2
                                                                             27.5
                                                                                   27.3
                                                         17.8
   [64813]
            29.2
                   28.9
                         27.2
                                25.0
                                      23.1
                                             21.2
                                                   18.5
                                                                17.6
                                                                      17.0
                                                                             16.3
                                                                                   15.5
##
##
   [64825]
            14.9
                   14.5
                         14.3
                                14.5
                                      17.2
                                             19.2
                                                   21.2
                                                         22.7
                                                                23.8
                                                                      24.7
                                                                             25.4
                                                                                   25.6
   [64837]
            25.2
                   24.7
                         24.3
                                23.8
                                      22.7
                                             20.8
                                                   18.7
                                                                19.1
                                                                      19.2
                                                                             18.2
##
                                                         19.1
                                                                                   16.9
   [64849]
            17.7
                   15.8
                         14.8
                                14.1
                                      17.1
                                             19.4
                                                   21.4
                                                         23.0
                                                                24.2
                                                                      25.1
                                                                             25.8
                                                                                   25.9
   [64861]
            25.3
                   24.8
                         24.3
                                23.4
                                      22.5
                                             20.8
                                                   17.8
                                                         17.4
                                                                17.4
                                                                      18.6
                                                                             18.5
                                                                                   18.2
   [64873]
                   17.5
                         16.9
                                16.8
                                      18.2
                                             19.0
                                                   19.8
                                                         21.9
                                                                23.6
                                                                      23.2
                                                                             22.0
##
            17.9
                                                                                   21.0
   [64885]
            20.5
                   20.5
                         20.1
                                19.1
                                      18.7
                                             17.8
                                                   16.6
                                                         15.6
                                                                15.6
                                                                      16.0
                                                                             15.9
   [64897]
                   16.8
                         15.4
                                13.6
                                      14.7
                                             16.1
                                                   17.6
                                                         19.0
                                                                20.0
                                                                      20.8
                                                                             20.5
                                                                                   20.2
            16.6
   [64909]
            22.5
                   21.9
                         18.9
                                18.4
                                      17.6
                                             17.1
                                                   16.7
                                                          17.2
                                                                16.6
                                                                      16.3
                                                                             16.0
                                                                                   15.8
                         15.2
                                13.8
                                                                             21.8
##
   [64921]
            15.6
                   15.5
                                      15.7
                                             16.7
                                                   18.2
                                                         19.5
                                                                20.7
                                                                      21.5
                                                                                   22.2
   [64933]
            21.4
                   21.2
                         20.7
                                20.4
                                      19.7
                                             18.8
                                                   17.8
                                                         15.9
                                                                16.1
                                                                      15.4
                                                                             14.8
            15.0
                                                         20.5
   [64945]
                   14.1
                         13.8
                                13.6
                                      15.2
                                             18.0
                                                   19.5
                                                                21.2
                                                                      21.9
                                                                             22.7
                                                                                   22.8
##
   [64957]
            23.0
                   21.7
                         22.3
                                22.0
                                      21.3
                                             20.2
                                                   18.4
                                                         17.1
                                                                15.9
                                                                      15.3
                                                                             14.9
##
                                                                                   14.8
                                                                      23.4
                                                   20.9
                                                         22.2
                                                                22.9
                                                                             22.5
                                                                                   23.9
##
   [64969]
            14.8
                   14.6
                         14.5
                                13.6
                                      15.7
                                             18.5
                                             20.3
   [64981]
            24.6
                   24.7
                         24.4
                                23.6
                                      22.3
                                                   17.1
                                                         16.5
                                                                16.0
                                                                      15.0
                                                                             14.2
   [64993]
            13.5
                   13.1
                         13.1
                                14.5
                                      15.1
                                             15.6
                                                   17.0
                                                         18.1
                                                                19.6
                                                                      20.9
                                                                             21.8
                                                                                   22.2
##
   [65005]
                   22.9
                                      21.0
                                                   17.4
                                                         16.7
                                                                16.2
                                                                             14.8
##
            23.0
                         22.6
                                22.0
                                             19.3
                                                                      15.6
                                                                                   14.3
                                                                             22.9
   [65017]
            13.7
                   13.0
                         12.3
                                12.2
                                      14.4
                                             16.7
                                                   18.2
                                                         19.2
                                                                21.0
                                                                      22.2
                                                                                   23.5
##
   [65029]
            24.5
                   24.5
                         24.1
                                23.2
                                      21.9
                                             20.3
                                                   18.8
                                                         18.1
                                                                17.5
                                                                      16.6
                                                                             15.5
                                                                                   14.8
##
   [65041]
            14.4
                   13.9
                         13.7
                                13.6
                                      15.8
                                             17.9
                                                   20.0
                                                         21.7
                                                                22.7
                                                                      23.4
                                                                             24.0
                                                                                   24.6
##
   [65053]
            23.6
                   23.2
                         22.9
                                22.5
                                      22.0
                                             20.8
                                                   19.5
                                                         18.9
                                                                18.3
                                                                      17.9
                                                                             17.5
                                                                                   17.3
                                                         23.9
                                                                24.9
##
   [65065]
            17.0
                   16.5
                         15.2
                                15.8
                                      18.5
                                             20.7
                                                   22.6
                                                                      25.5
                                                                             26.3
                                                                                   27.1
   [65077]
            26.7
                   26.8
                         26.5
                                25.9
                                      24.5
                                             23.4
                                                   22.1
                                                         20.2
                                                                19.4
                                                                      19.2
                                                                             18.9
                                                                                   18.4
   [65089]
            18.0
                   17.7
                         17.5
                                17.3
                                      19.4
                                             20.8
                                                   23.0
                                                         24.6
                                                                25.3
                                                                      25.2
                                                                             26.0
                                                                                   24.8
   [65101]
            26.8
                   25.6
                         25.6
                                25.4
                                      25.1
                                            24.6
                                                   23.2
                                                         22.1
                                                                21.2
                                                                      20.7
                                                                             19.7
##
                                                                                   18.0
   [65113]
            17.4
                   17.5
                         17.1
                                17.2
                                      19.2
                                            20.8
                                                   22.1
                                                         23.0
                                                                23.2
                                                                      23.4
                                                                             23.3
   [65125]
            22.2
                   22.0
                         22.5
                                22.6
                                      22.1
                                            20.6
                                                   19.2
                                                         18.8
                                                                18.0
                                                                      17.3
                                                                             17.2
                                                                                   17.3
##
   [65137]
            17.1
                   17.4
                         17.2
                                17.7
                                      19.0
                                             19.4
                                                   20.9
                                                         21.3
                                                                20.3
                                                                      20.8
                                                                             21.0
                                                                                   19.4
##
                                            20.4
                                                   18.8
                                                                18.4
   [65149]
            24.3
                   24.3
                         23.7
                                22.9
                                      21.8
                                                         19.0
                                                                      17.3
                                                                            17.0
                                                                                   16.7
##
                         17.2
                                17.3
                                      18.1
                                            19.2
                                                   20.5
                                                         21.3
                                                                20.3
                                                                      21.1
                                                                             21.2
   [65161]
            17.5
                   17.2
   [65173]
            21.4
                   21.3
                         20.8
                                20.2
                                      19.7
                                             19.0
                                                   17.0
                                                         16.3
                                                                16.0
                                                                      16.1
                                                                             16.4
                                                                                   15.7
                                14.9
                                             16.4
                                                   18.0
##
   [65185]
            14.7
                   14.9
                         14.7
                                      15.6
                                                         19.3
                                                                20.2
                                                                      21.6
                                                                             22.3
                                                                                   23.6
                   26.1
                         25.7
                                      22.6
                                                                18.7
                                                                             16.6
##
   [65197]
            26.3
                                24.7
                                             21.7
                                                   19.3
                                                         19.1
                                                                      17.2
                                                                                   16.5
   [65209]
                                16.9
                                      17.5
                                                         23.9
                                                                      25.1
            17.2
                   17.3
                         17.0
                                             20.1
                                                   22.5
                                                                24.4
                                                                             25.9
                   23.5
                                                   21.0
                                                         20.1
                                                                19.1
   [65221]
            23.2
                         23.8
                                23.8
                                      23.7
                                             23.0
                                                                      18.1
                                                                             18.3
                                                                                   18.4
##
                                                         24.1
##
   [65233]
            18.9
                   18.5
                         18.1
                                18.2
                                      19.2
                                             21.7
                                                   23.0
                                                                24.4
                                                                      24.1
                                                                             25.6
                                                                                   24.2
   [65245]
            25.5
                   25.2
                         24.6
                                      23.4
                                             22.9
                                                   20.7
                                                         19.9
                                                                20.3
                                                                      20.2
                                                                             19.7
                                                                                   18.8
##
                                24.0
   [65257]
            17.7
                   16.9
                         16.3
                                16.1
                                      18.6
                                             20.3
                                                   21.2
                                                         22.2
                                                                23.6
                                                                      25.4
                                                                             26.6
                                                                                   27.7
   [65269]
            27.1
                   27.0
                         26.2
                                25.6
                                      24.7
                                             23.0
                                                   20.6
                                                         19.3
                                                                18.6
                                                                      18.0
                                                                             17.8
                                                                                   17.5
   [65281]
            17.1
                   16.7
                         16.4
                                16.4
                                      18.9
                                             20.9
                                                   22.4
                                                         23.8
                                                                25.0
                                                                      26.1
                                                                             27.0
                                                                                   27.6
##
                                            24.9
                                                   21.5
  [65293]
            28.6
                   28.7
                         28.4
                                27.8
                                      26.8
                                                         20.5
                                                                19.6
                                                                      18.8
                                                                            18.3
  [65305]
                         16.6
                                                                      27.9
            17.5
                   16.8
                                16.3
                                      19.0
                                            21.9
                                                   23.8
                                                         25.4
                                                                26.9
                                                                             28.6
                                                                                   29.1
                                            27.0
## [65317]
            31.1
                   31.2
                         30.8 29.9
                                      28.8
                                                   24.3
                                                         22.5 21.8 21.3 20.9
                                                                                   20.8
```

```
## [65329]
             21.0
                   21.2
                          21.1
                                20.8
                                       22.3
                                             24.7
                                                    27.0
                                                          28.6
                                                                 30.0
                                                                       30.9
                                                                              31.1
            32.4
                   31.8
                          31.1
                                30.4
                                       29.5
                                             27.7
                                                    25.2
                                                          23.8
                                                                 22.9
                                                                        22.3
                                                                              21.8
                                                                                     21.4
   [65341]
   [65353]
                                21.3
             21.3
                   21.3
                          21.4
                                       23.1
                                             25.9
                                                    26.1
                                                          29.3
                                                                 29.3
                                                                        30.0
                                                                              30.6
                                                                                     30.6
                                             27.8
                                                    24.2
                                                          22.5
                                                                 21.8
   [65365]
             32.3
                   31.4
                          30.3
                                29.4
                                       29.1
                                                                        21.5
                                                                              21.3
                                                                                     21.1
##
   [65377]
             20.5
                   19.7
                          19.1
                                19.0
                                       21.9
                                             23.8
                                                    25.2
                                                          26.6
                                                                 27.8
                                                                        28.8
                                                                              29.4
                                                                                     29.7
   [65389]
             31.1
                   31.0
                          30.7
                                30.1
                                       28.9
                                             26.5
                                                    23.3
                                                          22.0
                                                                 22.1
                                                                        21.8
                                                                              21.8
##
                                                                                     21.1
   [65401]
                   19.5
                          19.5
                                19.2
                                       19.9
                                             20.6
                                                    21.1
                                                          21.1
                                                                 21.6
                                                                        21.6
             20.0
                                                                              22.7
             22.9
                   22.4
                          20.8
                                       20.3
                                             20.0
                                                    19.7
                                                          19.0
                                                                 18.6
                                                                        18.8
   [65413]
                                20.5
                                                                              18.6
                                                                                     18.4
##
   [65425]
             18.2
                   17.9
                          17.8
                                17.0
                                       18.3
                                             19.9
                                                    21.5
                                                          23.1
                                                                 24.5
                                                                        25.4
                                                                              23.2
                                                                                     25.1
                                             22.3
                                                    21.1
                                                          20.3
                                                                 19.0
                                                                        18.5
##
   [65437]
             21.5
                   21.7
                          23.3
                                23.6
                                       23.2
                                                                              17.8
                                                                                     17.3
   [65449]
             16.9
                   16.8
                          16.8
                                16.7
                                       18.8
                                             21.3
                                                    23.4
                                                          25.1
                                                                 24.5
                                                                        24.8
                                                                              25.0
                                                                                     26.7
                   27.5
                                                          20.6
   [65461]
             27.8
                          26.9
                                25.9
                                       24.8
                                             23.4
                                                    21.0
                                                                 20.1
                                                                        19.9
                                                                              19.5
                                                                                     19.1
##
##
   [65473]
             18.7
                   18.5
                          18.4
                                18.3
                                       19.6
                                             22.4
                                                    24.3
                                                          25.7
                                                                 26.7
                                                                        27.7
                                                                              28.5
                                                                                     27.2
   [65485]
             27.9
                   27.8
                          28.0
                                       26.3
                                             24.6
                                                    21.6
                                                          18.5
                                                                 17.4
                                                                        17.6
                                                                              17.6
##
                                27.4
                                                                                     17.3
   [65497]
             16.9
                   17.0
                          17.0
                                17.0
                                       17.8
                                             17.8
                                                    18.1
                                                          20.8
                                                                 21.6
                                                                        22.6
                                                                              21.7
                                                                                     21.7
   [65509]
             20.9
                   19.6
                          18.1
                                18.1
                                       18.3
                                             17.9
                                                    16.9
                                                           16.8
                                                                 16.9
                                                                        17.2
                                                                              17.1
                                                                                     17.0
   [65521]
             16.7
                   16.4
                          15.9
                                14.3
                                       17.2
                                             19.9
                                                    21.8
                                                          23.1
                                                                 23.9
                                                                        24.6
                                                                              25.0
                                                                                     25.0
##
   [65533]
             23.7
                   23.7
                          23.3
                                22.7
                                       22.0
                                             20.9
                                                    18.6
                                                          18.0
                                                                 17.8
                                                                        17.5
                                                                              17.2
                                                                                     16.7
   [65545]
                   16.0
                          16.0
                                15.5
                                       17.4
                                             20.2
                                                    22.2
                                                          24.0
                                                                 25.2
                                                                        26.1
                                                                              26.8
                                                                                     27.5
##
             16.3
   [65557]
             27.9
                   28.0
                          27.7
                                27.0
                                       25.9
                                             24.4
                                                    22.5
                                                          20.9
                                                                 19.7
                                                                        19.3
                                                                              18.9
                                                                                     19.0
                          18.7
                                             23.1
##
   [65569]
             19.1
                   18.9
                                18.5
                                       20.2
                                                    25.1
                                                          25.2
                                                                 23.2
                                                                        25.8
                                                                              24.9
                                                                                     25.2
   [65581]
             29.0
                   29.3
                          28.9
                                27.5
                                       25.2
                                             23.3
                                                    21.0
                                                          20.8
                                                                 21.1
                                                                        20.5
                                                                              20.0
             17.9
                                                          22.5
                                                                 23.9
   [65593]
                   17.5
                          17.5
                                16.8
                                       18.4
                                             19.6
                                                    21.1
                                                                        25.0
                                                                              25.9
                                                                                     26.6
##
   [65605]
             26.4
                   26.7
                          26.5
                                25.1
                                       23.4
                                             22.0
                                                    19.7
                                                          19.0
                                                                 18.5
                                                                        19.1
                                                                              19.2
##
                                                                                     18.0
                                                                       24.7
             17.2
                                                    20.5
                                                          22.1
                                                                 23.6
                                                                              25.3
                                                                                     25.6
##
   [65617]
                   16.8
                          16.4
                                16.4
                                       17.9
                                             19.2
   [65629]
             26.4
                   24.2
                          23.5
                                23.9
                                       22.9
                                             21.7
                                                    19.2
                                                          20.0
                                                                 19.1
                                                                        18.8
                                                                              19.4
   [65641]
             18.7
                   18.1
                          17.4
                                16.2
                                       19.0
                                             21.6
                                                    23.9
                                                          25.5
                                                                 26.4
                                                                        26.9
                                                                              25.5
                                                                                     25.1
##
   [65653]
                   26.4
                                25.5
                                       24.8
                                             23.3
                                                    20.3
                                                          20.3
                                                                 21.6
                                                                              20.0
##
             27.3
                          26.0
                                                                        21.0
                                                                                     18.9
                                17.5
                                                          25.8
                                                                              25.1
   [65665]
             18.6
                   18.2
                          17.8
                                       19.5
                                             22.7
                                                    24.3
                                                                 26.6
                                                                        25.4
                                                                                     27.3
##
   [65677]
             27.8
                   27.4
                          27.0
                                26.4
                                       25.5
                                             23.8
                                                    21.2
                                                          20.8
                                                                 20.8
                                                                        20.3
                                                                              19.9
                                                                                     19.1
##
   [65689]
             18.6
                   18.1
                          17.8
                                17.4
                                       19.0
                                             22.1
                                                    24.1
                                                          25.6
                                                                 26.5
                                                                        27.3
                                                                              28.0
                                                                                     28.2
##
   [65701]
             27.9
                   28.0
                          27.7
                                26.5
                                       25.1
                                             23.2
                                                    20.5
                                                          19.8
                                                                 19.8
                                                                        19.1
                                                                              18.6
                                                                                     18.1
                                                    22.5
##
   [65713]
             17.4
                   16.8
                          16.3
                                16.4
                                       19.3
                                             21.2
                                                          22.1
                                                                 24.5
                                                                        25.4
                                                                              26.1
                                                                                     26.5
   [65725]
             27.3
                   27.3
                          27.0
                                26.2
                                       25.1
                                             23.3
                                                    21.1
                                                          20.2
                                                                 19.5
                                                                        18.8
                                                                              18.4
##
                                                                                     18.6
                                                          23.8
   [65737]
             18.1
                   16.3
                          17.1
                                17.0
                                       19.1
                                             21.3
                                                    22.7
                                                                 25.2
                                                                        26.2
                                                                              27.0
                                                                                     27.6
   [65749]
             28.0
                   28.2
                          27.9
                                27.3
                                       26.3
                                             24.6
                                                    22.0
                                                          20.5
                                                                 19.7
                                                                        19.1
                                                                              18.6
##
                                                                                     18.1
   [65761]
             17.7
                   17.4
                          17.1
                                16.9
                                       19.5
                                             21.7
                                                    23.2
                                                          24.4
                                                                 25.2
                                                                        26.3
                                                                              26.9
                                                                                     27.4
   [65773]
             28.2
                   27.3
                          27.1
                                25.6
                                       24.7
                                             23.6
                                                    22.8
                                                          20.9
                                                                 19.9
                                                                        19.0
                                                                              18.1
                                                                                     17.5
##
   [65785]
             16.6
                   16.1
                          16.0
                                15.9
                                       18.1
                                             20.2
                                                    21.7
                                                          23.1
                                                                 24.3
                                                                        25.0
                                                                              25.6
                                                                                     26.2
##
                                                    20.6
             26.9
                   27.0
                          26.9
                                26.3
                                       25.2
                                             23.6
                                                          19.3
                                                                 18.8
                                                                        18.2
                                                                              17.2
                                                                                     16.6
##
   [65797]
   [65809]
                          15.7
                                15.4
                                       18.0
                                             20.2
                                                    21.9
                                                          23.4
                                                                 24.6
                                                                        25.9
             16.0
                   15.7
                                                                              26.8
   [65821]
             28.1
                   28.4
                          28.4
                                27.8
                                       26.7
                                             25.2
                                                    22.2
                                                          20.5
                                                                 20.2
                                                                        19.9
                                                                              19.1
                                                                                     18.7
##
                          18.2
                                17.9
                                       19.9
                                             22.9
                                                    25.2
                                                          26.7
                                                                 28.0
                                                                        29.1
##
   [65833]
             18.5
                   18.4
                                                                              30.0
                                                                                     30.6
             31.0
                   30.9
                          30.2
                                29.1
                                       28.0
                                             26.4
                                                          21.7
                                                                 20.8
                                                                              19.4
##
   [65845]
                                                    23.1
                                                                        20.0
                                                                                     18.8
   [65857]
                                             22.2
                                                    23.8
                                                          25.4
                                                                 26.7
                                                                        27.9
             18.2
                   17.7
                          17.4
                                17.2
                                       19.7
                                                                              29.0
                                                    23.6
                                                          22.4
                                                                        20.6
   [65869]
             30.7
                   30.8
                          30.2
                                29.3
                                       28.1
                                             26.1
                                                                 21.4
                                                                              19.8
                                                                                     19.2
##
                                                    24.1
                                                          25.2
##
   [65881]
             18.9
                   18.8
                          18.7
                                18.5
                                       20.4
                                             22.5
                                                                 25.9
                                                                        27.2
                                                                              28.2
                                                                                     28.8
   [65893]
                   29.6
                          29.3
                                28.6
                                       27.4
                                             25.6
                                                    23.3
                                                          22.3
                                                                 21.4
                                                                        20.4
                                                                              19.6
                                                                                     18.9
##
             29.5
             18.3
   [65905]
                   18.0
                          17.6
                                17.3
                                       19.7
                                             22.3
                                                    24.1
                                                          25.4
                                                                 26.8
                                                                        28.2
                                                                              29.9
                                                                                     31.4
                                             27.2
                                                          23.7
                                                                 23.8
                                                                              22.6
   [65917]
             33.5
                   33.8
                          33.6
                                32.3
                                       30.1
                                                    24.1
                                                                        23.3
                                                                                     22.2
   [65929]
             21.9
                   21.6
                          21.3
                                20.8
                                       22.3
                                             24.5
                                                    26.0
                                                          27.8
                                                                 29.7
                                                                        31.1
                                                                              32.2
                                                                                     33.0
##
                                       31.6
                                             29.6
                                                                 23.6
   [65941]
             32.6
                   32.8
                          33.0
                                32.6
                                                    25.5
                                                          24.2
                                                                        22.8
                                                                              22.1
                                                                                     21.6
                                                                       29.6
   [65953]
             20.9
                   20.3
                          19.9
                                20.0
                                       22.2
                                             24.3
                                                    25.7
                                                          27.2
                                                                 28.5
                                                                              30.5
                                                                                     31.1
                                             24.7
                                                    21.8
                                                          21.7
## [65965]
             30.7
                   31.0
                         30.6
                               28.1
                                       26.5
                                                                 20.0 19.4 18.8
                                                                                    18.2
```

```
[65977]
             18.0
                   18.1
                         17.8
                                17.4
                                       19.4
                                             21.7
                                                    23.4
                                                           24.8
                                                                  26.0
                                                                        27.1
                                                                               27.9
             28.7
   [65989]
                   28.8
                          28.6
                                 28.1
                                       27.3
                                              25.5
                                                    21.4
                                                           20.0
                                                                  19.1
                                                                        18.3
                                                                               17.8
                                                                                      17.3
##
                                                           24.9
                                                                               27.9
   [66001]
             17.2
                   16.9
                          16.9
                                 16.9
                                       19.1
                                              21.4
                                                    23.4
                                                                  26.0
                                                                        27.0
                                                                                      28.4
                                 28.7
                                              25.5
                                                    21.6
                                                           20.2
                                                                  19.0
                                                                        18.2
   [66013]
             29.0
                   29.3
                          29.1
                                       27.7
                                                                               17.5
                                                                                      17.0
##
   [66025]
             16.6
                   16.3
                          16.3
                                 16.4
                                       18.9
                                              22.4
                                                    24.8
                                                           27.0
                                                                  29.4
                                                                        31.0
                                                                               32.0
                                                                                      32.7
   [66037]
             32.9
                   33.0
                          32.8
                                 30.9
                                       28.4
                                              26.5
                                                    24.2
                                                           23.3
                                                                  22.4
                                                                        21.6
                                                                               20.9
                                                                                      20.0
##
                                 17.2
                                       19.7
                                              22.3
                                                    24.0
                                                           25.3
                                                                  26.4
                                                                        27.5
                                                                               28.4
   [66049]
             19.0
                   18.2
                          17.4
                   30.2
                          29.9
                                 29.2
                                                    23.1
                                                           21.7
                                                                  20.8
                                                                        20.3
                                                                               19.9
##
   [66061]
             30.0
                                       28.3
                                              26.6
                                                                                      19.2
##
   [66073]
             18.7
                   18.1
                          17.9
                                 17.5
                                       20.1
                                              22.8
                                                     25.2
                                                           27.2
                                                                  28.5
                                                                        29.6
                                                                               30.8
                                                                                      31.0
                                       28.4
                                              26.4
                                                    23.9
                                                           22.7
                                                                               20.2
                                                                                      19.4
##
   [66085]
             31.5
                   31.4
                          30.8
                                 29.8
                                                                  21.7
                                                                        21.0
   [66097]
             19.2
                   19.4
                          19.6
                                 19.5
                                       20.4
                                              21.7
                                                     22.9
                                                           24.5
                                                                  25.7
                                                                        26.9
                                                                               27.8
                                                                                      28.7
                                       25.9
                                                    22.1
                                                                  20.6
   [66109]
             28.8
                   28.7
                          28.2
                                 27.3
                                              24.0
                                                           21.2
                                                                        20.1
                                                                               19.5
                                                                                      19.0
##
##
   [66121]
             18.5
                   18.4
                          18.1
                                 17.6
                                       19.2
                                              21.5
                                                    23.3
                                                           24.8
                                                                  25.8
                                                                        26.7
                                                                               28.1
                                                                                      29.2
                   29.3
                          28.9
                                 28.0
                                       26.6
                                              24.7
                                                     22.8
                                                           22.0
                                                                  21.3
                                                                        20.7
                                                                               20.1
##
   [66133]
             29.3
                                                                                      19.5
   [66145]
             19.0
                   18.6
                          18.3
                                 18.3
                                       20.4
                                              22.4
                                                     24.0
                                                           25.2
                                                                  26.3
                                                                        27.5
                                                                               28.4
                                                                                      29.2
   [66157]
             30.0
                   29.9
                          29.3
                                 28.3
                                       26.9
                                              24.9
                                                     22.9
                                                           21.9
                                                                  20.8
                                                                        20.0
                                                                               19.3
                                                                                      18.6
                   18.0
                          18.0
                                 18.5
                                       19.5
                                              20.8
                                                    22.0
                                                           23.3
                                                                  24.0
                                                                        25.5
                                                                               27.1
                                                                                      28.4
##
   [66169]
             18.1
   [66181]
             30.1
                   30.2
                          29.9
                                 29.1
                                       27.7
                                              25.4
                                                    22.3
                                                           20.5
                                                                  19.5
                                                                        18.7
                                                                               18.1
                                                                                      17.8
   [66193]
                   17.6
                          17.5
                                 17.5
                                       18.6
                                              20.0
                                                    21.8
                                                           23.9
                                                                  25.3
                                                                        26.7
                                                                               27.9
                                                                                      29.2
             17.6
   [66205]
             32.5
                   32.7
                          32.2
                                 31.1
                                       29.3
                                              26.8
                                                    24.3
                                                           23.0
                                                                  22.0
                                                                        21.1
                                                                               20.4
                                                                                      19.9
##
   [66217]
             19.6
                   19.3
                          19.1
                                 18.9
                                       20.2
                                              22.0
                                                    23.3
                                                           23.6
                                                                  24.7
                                                                        26.7
                                                                               28.1
                                                                                      28.9
   [66229]
             29.3
                   29.2
                          28.8
                                 27.9
                                       26.3
                                              24.3
                                                    22.4
                                                           21.7
                                                                  21.2
                                                                        20.5
                                                                               20.0
                                                    23.5
                                                                  25.7
   [66241]
             19.8
                   19.8
                          19.6
                                 19.5
                                       21.1
                                              22.2
                                                           24.3
                                                                        26.8
                                                                               27.9
                                                                                      28.5
##
   [66253]
             29.4
                   29.2
                          28.5
                                 27.3
                                       25.7
                                              23.8
                                                    22.1
                                                           21.4
                                                                  20.8
                                                                        20.2
                                                                               19.7
##
                                                                                      19.8
                                       20.8
                                                                        27.3
             20.0
                                 19.8
                                              21.8
                                                    23.1
                                                           24.7
                                                                  25.9
                                                                               28.9
                                                                                      30.2
##
   [66265]
                   19.8
                          19.9
                                              28.0
                                                    24.6
                                                           23.1
   [66277]
             31.4
                   31.9
                          31.5
                                 30.8
                                       30.2
                                                                  22.0
                                                                        21.1
                                                                               20.2
                                                                                      19.8
   [66289]
             19.3
                   18.8
                          18.4
                                 18.1
                                       19.7
                                              22.7
                                                     24.5
                                                           26.2
                                                                  28.1
                                                                        30.3
                                                                               31.9
                                                                                      33.1
##
   [66301]
                          33.2
                                 31.7
                                       30.3
                                              27.9
                                                     24.9
                                                           24.0
                                                                  23.7
                                                                               22.5
##
             34.2
                   34.1
                                                                        22.8
                                                                                      22.5
             22.2
                                 20.9
                                       22.2
                                              25.2
                                                    28.3
                                                           30.6
                                                                  32.3
                                                                        33.6
                                                                               34.3
   [66313]
                   21.9
                          21.5
                                                                                      34.7
##
   [66325]
             34.1
                   34.1
                          33.5
                                 32.4
                                       31.0
                                              28.5
                                                     25.5
                                                           24.2
                                                                  23.2
                                                                        22.7
                                                                               22.6
                                                                                      23.0
##
   [66337]
             23.2
                   23.0
                          23.1
                                 23.0
                                       24.2
                                              27.2
                                                     29.4
                                                           31.4
                                                                  33.7
                                                                        35.3
                                                                               36.3
                                                                                      37.0
##
   [66349]
             37.0
                   37.0
                          36.5
                                 34.7
                                       32.4
                                              29.7
                                                     28.0
                                                           27.1
                                                                  26.0
                                                                        25.4
                                                                               24.7
                                                                                      24.2
                                                    31.0
                                                           33.4
                                                                  35.2
##
   [66361]
             23.8
                   23.6
                          23.5
                                 23.3
                                       24.6
                                              27.8
                                                                        36.3
                                                                               37.2
                                                                                      37.7
   [66373]
             37.9
                   37.9
                          37.6
                                 36.7
                                       35.0
                                              31.3
                                                    28.5
                                                           28.0
                                                                  27.2
                                                                        25.5
                                                                               24.6
                                                                                      23.9
##
                                                                  32.2
   [66385]
             23.3
                   22.7
                          22.3
                                 22.0
                                       24.1
                                              27.2
                                                    29.5
                                                           31.0
                                                                        33.4
                                                                               34.6
                                                                                      35.3
   [66397]
             35.2
                   35.5
                          35.3
                                 34.3
                                       32.7
                                              30.0
                                                    27.1
                                                           25.8
                                                                  24.7
                                                                        23.9
                                                                               23.0
                                                                                      22.2
##
   [66409]
             21.5
                   21.0
                          20.8
                                 20.8
                                       22.2
                                              24.5
                                                    26.3
                                                           28.2
                                                                  29.7
                                                                        31.4
                                                                               33.1
                                                                                      33.9
   [66421]
             35.8
                   35.9
                          35.6
                                 34.7
                                       33.1
                                              30.0
                                                    27.2
                                                           25.8
                                                                  24.6
                                                                        23.6
                                                                               22.6
                                                                                      21.9
##
   [66433]
             21.5
                   21.6
                          21.7
                                 21.6
                                       22.6
                                              24.1
                                                     25.4
                                                           26.7
                                                                  28.2
                                                                        30.0
                                                                               32.1
                                                                                      33.5
##
                                                    27.2
                                                           26.2
                                                                  25.4
   [66445]
             34.3
                   34.5
                          34.2
                                 33.4
                                       32.0
                                              29.5
                                                                        24.6
                                                                               23.8
                                                                                      23.2
##
   [66457]
                   21.8
                          21.4
                                 21.1
                                       22.8
                                              25.3
                                                    27.3
                                                           28.7
                                                                  29.5
                                                                        30.8
                                                                               31.2
             22.5
   [66469]
             31.2
                   30.9
                          30.4
                                 29.5
                                       28.3
                                              26.6
                                                    25.2
                                                           24.4
                                                                  23.7
                                                                        23.0
                                                                               22.4
                                                                                      21.9
##
             21.6
                                       22.5
                                              24.3
                                                     25.5
                                                           27.5
                                                                  29.2
                                                                        30.4
                                                                               30.9
##
   [66481]
                   21.3
                          21.1
                                 21.1
                                                                                      31.6
             31.9
                                 30.4
                                       28.7
                                              26.6
                                                    25.0
                                                           24.3
                                                                  23.6
                                                                        22.9
                                                                               22.5
##
   [66493]
                   31.8
                          31.4
                                                                                      22.2
   [66505]
                                       22.2
                                              23.8
                                                     25.5
                                                           26.5
                                                                  27.5
                                                                        28.4
                                                                               29.4
             21.9
                   21.3
                          21.2
                                 21.2
                                                                                      30.5
                                                     25.1
                                                           24.0
                                                                  23.1
                                                                        22.3
   [66517]
             31.5
                   31.6
                          31.2
                                 30.3
                                       28.8
                                              26.8
                                                                               21.5
                                                                                      20.9
##
                                                     24.3
                                                           25.9
                                                                  27.4
##
   [66529]
             20.2
                   19.9
                          19.7
                                 19.5
                                       20.4
                                              22.5
                                                                        28.9
                                                                               30.4
                                                                                      31.5
   [66541]
                          33.5
                                              29.3
                                                    26.9
                                                           25.5
                                                                  24.1
                                                                        23.1
                                                                               22.1
                                                                                      21.3
##
             33.3
                   33.5
                                 32.9
                                       31.7
   [66553]
             21.1
                   20.7
                          20.4
                                 20.1
                                       21.5
                                              24.0
                                                     25.7
                                                           27.0
                                                                  28.3
                                                                        29.9
                                                                               31.4
                                                                                      32.5
                                                    26.6
                                                           26.0
                                                                  25.1
                                                                               23.4
   [66565]
             34.5
                   34.6
                          33.7
                                 32.3
                                       30.6
                                              28.3
                                                                        24.2
                                                                                      22.6
   [66577]
             21.8
                   21.3
                          21.0
                                 20.9
                                       22.2
                                              24.0
                                                    25.6
                                                           27.0
                                                                  28.2
                                                                        29.7
                                                                               30.9
                                                                                      32.2
##
                                       29.8
                                              27.8
   [66589]
             32.9
                   32.6
                          31.8
                                 31.1
                                                    26.3
                                                           25.3
                                                                  24.3
                                                                        23.5
                                                                               23.0
                                                                                      22.5
   [66601]
             22.0
                   21.5
                          21.4
                                 21.2
                                       22.6
                                              24.8
                                                    26.6
                                                           27.5
                                                                  28.1
                                                                        28.0
                                                                               30.1
                                                                                      30.9
                                       27.4
                                              25.7
## [66613]
             30.7
                   30.3
                          29.7
                                28.7
                                                    24.6
                                                           24.2
                                                                  23.8
                                                                        23.4 23.1
                                                                                     22.9
```

```
[66625]
             22.4
                   21.9
                          21.5
                                21.6
                                       22.1
                                             24.2
                                                    26.1
                                                           27.7
                                                                 28.8
                                                                        29.5
                                                                              30.1
             30.5
                   30.3
                          29.9
                                28.9
                                       27.6
                                             25.6
                                                    24.1
                                                           23.4
                                                                 23.0
                                                                        22.5
                                                                              21.7
##
   [66637]
                                                                                     21.3
                                                                              30.3
   [66649]
             20.8
                   20.5
                          20.9
                                20.0
                                       20.9
                                              23.2
                                                    25.5
                                                           27.4
                                                                 28.7
                                                                        29.8
                                                                                     31.0
                                             27.2
                                                    25.4
                                                                 23.1
   [66661]
             31.8
                   31.7
                          31.4
                                30.5
                                       29.4
                                                           24.3
                                                                        21.7
                                                                              21.0
                                                                                     20.4
##
   [66673]
             19.9
                   19.7
                          19.3
                                18.9
                                       19.8
                                              22.9
                                                    25.5
                                                           27.2
                                                                  28.8
                                                                        30.2
                                                                               31.4
                                                                                     32.4
   [66685]
             32.8
                   33.1
                          32.8
                                31.9
                                       30.4
                                             27.7
                                                    25.1
                                                           24.8
                                                                 24.2
                                                                        23.4
                                                                              23.2
                                                                                     22.6
##
                   21.7
                                       21.7
                                              24.9
                                                    27.8
                                                           30.2
                                                                 32.0
                                                                        33.1
                                                                              33.9
   [66697]
             22.1
                          21.5
                                21.1
                          33.0
                                       29.6
                                              26.7
                                                    23.9
                                                           23.0
                                                                 22.6
                                                                        22.3
                                                                              22.1
##
   [66709]
             34.8
                   34.6
                                31.6
                                                                                     21.8
                                                           30.3
##
   [66721]
             21.5
                   21.1
                          21.0
                                20.8
                                       21.6
                                              24.4
                                                    27.2
                                                                 32.4
                                                                        33.8
                                                                              34.7
                                                                                     35.2
                                              27.3
                                                    25.4
                                                           24.2
                                                                 23.1
                                                                        23.2
                                                                              24.3
                                                                                     24.2
##
   [66733]
             35.3
                   35.1
                          34.4
                                32.7
                                       30.7
   [66745]
             24.1
                   23.9
                          23.6
                                22.7
                                       22.4
                                              25.4
                                                    28.1
                                                           29.8
                                                                  31.5
                                                                        33.0
                                                                              33.9
                                                                                     34.6
                                                    27.9
                                                           25.5
   [66757]
                   34.8
                          34.7
                                34.1
                                       33.1
                                              30.3
                                                                 24.5
                                                                        24.4
                                                                              24.4
                                                                                     24.0
##
             34.3
##
   [66769]
             23.5
                   22.4
                          21.0
                                21.0
                                       22.9
                                              26.5
                                                    28.5
                                                           30.2
                                                                 31.9
                                                                        33.1
                                                                               34.0
                                                                                     34.5
   [66781]
             34.8
                   35.1
                          35.1
                                34.4
                                       33.2
                                              29.7
                                                    27.6
                                                           25.8
                                                                 24.7
                                                                        24.2
                                                                              23.5
                                                                                     22.9
##
   [66793]
             22.6
                   22.0
                          21.6
                                21.1
                                       22.4
                                              25.9
                                                    29.3
                                                           31.4
                                                                 32.9
                                                                        34.0
                                                                              34.5
                                                                                     34.7
   [66805]
             34.2
                   34.3
                          34.1
                                33.5
                                       32.2
                                              28.6
                                                    26.0
                                                           25.0
                                                                  24.2
                                                                        23.6
                                                                              22.9
                                                                                     22.2
   [66817]
             21.6
                   21.4
                                20.9
                                       22.1
                                              25.2
                                                    28.2
                                                           30.6
                                                                 32.3
                                                                        33.6
                                                                              34.6
                                                                                     35.2
##
                          21.1
   [66829]
             35.1
                   35.0
                          34.6
                                33.8
                                       32.5
                                              30.3
                                                    28.7
                                                           27.1
                                                                  25.9
                                                                        25.2
                                                                              24.9
                                                                                     24.6
                          23.5
   [66841]
                   23.9
                                23.1
                                       23.3
                                              26.2
                                                    28.6
                                                           30.8
                                                                 32.7
                                                                        34.0
                                                                              34.0
                                                                                     32.3
##
             24.2
   [66853]
             34.9
                   34.2
                          33.4
                                32.3
                                       30.6
                                              27.4
                                                    25.2
                                                           24.0
                                                                 23.2
                                                                        22.6
                                                                              22.2
                                                                                     22.0
##
   [66865]
             23.6
                   23.5
                          23.4
                                23.2
                                       23.4
                                              24.3
                                                    25.5
                                                           27.8
                                                                 29.9
                                                                        31.5
                                                                              32.5
                                                                                     33.0
   [66877]
             34.0
                   33.5
                          32.7
                                31.5
                                       29.8
                                              26.5
                                                    24.8
                                                           23.6
                                                                 23.1
                                                                        22.9
                                                                              22.7
                                                                                     22.3
                                                           27.2
   [66889]
             21.9
                   21.7
                          21.7
                                21.6
                                       22.1
                                              24.3
                                                    25.8
                                                                 28.1
                                                                        29.1
                                                                              30.2
                                                                                     30.9
##
   [66901]
             31.4
                   31.3
                          30.9
                                30.1
                                       28.8
                                              26.4
                                                    24.9
                                                           24.0
                                                                  23.5
                                                                        23.0
                                                                              22.5
##
                                                                                     22.1
                                       22.0
             21.9
                                              24.2
                                                    25.7
                                                           26.7
                                                                 27.8
                                                                        28.9
                                                                              29.8
                                                                                     30.6
##
   [66913]
                   21.8
                          21.7
                                21.6
                                              25.9
                                                    24.9
                                                           24.1
   [66925]
             30.4
                   30.4
                          30.0
                                29.2
                                       28.0
                                                                  23.4
                                                                        22.8
                                                                              22.3
                                                                                     21.9
   [66937]
             21.3
                   21.6
                          21.4
                                21.3
                                       21.7
                                              23.7
                                                    24.9
                                                           26.5
                                                                 27.8
                                                                        29.1
                                                                              29.7
                                                                                     29.9
##
   [66949]
                                27.2
                                       26.4
                                                    24.3
                                                           23.6
                                                                  22.9
                                                                        22.1
                                                                               21.8
##
             30.3
                   29.9
                          29.1
                                              24.4
                                                                                     21.6
   [66961]
                          18.9
                                             21.6
                                                           25.8
                                                                 26.5
                                                                        25.5
                                                                              27.8
             20.7
                   19.3
                                18.7
                                       19.3
                                                    24.0
                                                                                     27.8
##
   [66973]
             26.8
                   26.5
                          27.7
                                27.0
                                       25.6
                                              24.7
                                                    23.6
                                                           22.5
                                                                 21.9
                                                                        21.5
                                                                               20.0
                                                                                     19.0
##
   [66985]
             18.6
                   18.4
                          18.1
                                17.6
                                       18.1
                                              19.6
                                                    21.3
                                                           22.9
                                                                 24.2
                                                                        25.4
                                                                               25.3
                                                                                     27.6
##
   [66997]
             28.9
                   28.5
                          27.8
                                26.8
                                       25.8
                                              23.3
                                                    21.9
                                                           21.0
                                                                 20.2
                                                                        19.3
                                                                               18.7
                                                                                     18.0
                                              21.6
                                                           25.2
                                                                  26.6
                                                                               28.9
   [67009]
             17.7
                   17.6
                          17.1
                                16.9
                                       17.8
                                                    24.0
                                                                        27.9
                                                                                     29.4
   [67021]
             27.8
                   27.8
                          27.7
                                27.0
                                       26.0
                                              23.5
                                                    22.1
                                                           21.2
                                                                 20.3
                                                                        19.5
                                                                              18.9
                                                                                     18.1
                                                                               28.8
   [67033]
             17.4
                   16.9
                          16.6
                                16.5
                                       17.2
                                              21.1
                                                    24.1
                                                           26.1
                                                                  27.6
                                                                        28.7
                                                                                     29.3
   [67045]
             29.2
                   29.0
                          28.5
                                27.5
                                       26.1
                                             23.6
                                                    22.4
                                                           21.4
                                                                 20.3
                                                                        19.6
                                                                              19.3
                                                                                     18.7
##
   [67057]
             18.1
                   17.8
                          17.6
                                17.3
                                       17.6
                                              21.0
                                                    22.9
                                                           24.1
                                                                 25.0
                                                                        26.4
                                                                              27.3
   [67069]
             28.6
                   28.2
                          27.6
                                26.4
                                       24.7
                                              22.1
                                                    21.1
                                                           20.3
                                                                 19.5
                                                                        18.7
                                                                               18.1
                                                                                     17.5
##
   [67081]
             16.9
                   16.3
                          16.4
                                16.5
                                       16.9
                                              19.7
                                                    22.2
                                                           23.9
                                                                  24.8
                                                                        25.5
                                                                               26.5
                                                                                     27.1
##
                                                    21.6
                                                           20.8
                                                                 20.2
   [67093]
             27.9
                   27.9
                          27.4
                                26.5
                                       24.9
                                              22.6
                                                                        19.4
                                                                              18.7
                                                                                     18.1
##
                   17.4
                          17.1
                                16.9
                                       16.9
                                              19.7
                                                    21.8
                                                           23.4
                                                                 24.4
                                                                        25.4
   [67105]
             17.8
                                                                               26.6
                          28.9
   [67117]
             29.2
                   29.3
                                27.8
                                       26.0
                                              23.1
                                                    21.7
                                                           20.8
                                                                 20.2
                                                                        19.6
                                                                              18.9
                                                                                     18.3
##
                                16.9
                                       17.2
                                              20.7
                                                    23.1
                                                           24.7
                                                                 26.1
                                                                        27.3
##
   [67129]
             17.8
                   17.3
                          17.0
                                                                               28.6
                                                                                     29.7
             30.5
                   30.5
                          30.1
                                29.2
                                       27.7
                                              25.3
                                                           23.1
                                                                 22.1
                                                                        21.2
                                                                              20.3
##
   [67141]
                                                    24.1
                                                                                     19.6
                   18.9
                                       18.8
                                                    24.3
                                                           26.0
                                                                  27.3
                                                                        28.4
                                                                              29.2
   [67153]
             19.2
                          18.8
                                18.4
                                              22.1
                                                                                     30.0
                                       27.4
                                              25.3
                                                    24.6
                                                           23.9
                                                                  23.2
                                                                        22.5
   [67165]
             30.8
                   30.8
                          30.1
                                28.9
                                                                              21.8
                                                                                     21.1
##
                                                           24.7
                                                                  25.8
##
   [67177]
             20.4
                   19.9
                          19.6
                                19.4
                                       19.5
                                              21.9
                                                    22.8
                                                                        26.8
                                                                              27.7
                                                                                     28.5
   [67189]
             29.7
                   29.7
                                28.0
                                       26.0
                                              23.6
                                                    22.6
                                                           21.8
                                                                 21.0
                                                                        20.2
                                                                              19.7
                                                                                     19.4
##
                          29.2
   [67201]
             19.0
                   18.5
                          18.2
                                17.9
                                       18.0
                                              20.5
                                                    22.7
                                                           24.2
                                                                 25.4
                                                                        26.8
                                                                              28.3
                                                                                     29.6
                                       29.0
                                                           23.1
                                                                  21.8
   [67213]
             30.9
                   31.4
                          31.3
                                30.6
                                              25.6
                                                    24.1
                                                                        20.7
                                                                               19.6
                                                                                     19.2
             18.8
                   18.6
                          18.5
                                18.5
                                       18.6
                                              20.6
                                                    22.7
                                                           24.7
                                                                  26.7
                                                                        29.0
                                                                              31.3
                                                                                     33.1
##
  [67225]
                                              24.2
                                                                 20.9
## [67237]
             34.8
                   34.6
                          33.5
                                31.1
                                       28.3
                                                    22.4
                                                           21.6
                                                                        20.2
                                                                              19.7
                                                                                     19.4
## [67249]
             19.2
                   18.9
                          19.4
                                19.2
                                       21.0
                                              23.6
                                                    25.8
                                                           27.9
                                                                 29.3
                                                                        30.7
                                                                              31.6
                                                                                     32.2
                                       27.7
                                              24.4
                                                    23.0
                                                           22.0 21.5
## [67261]
             32.1
                   32.3
                          31.6
                               29.8
                                                                        21.7
                                                                              21.6
                                                                                     21.6
```

```
## [67273]
            22.0
                  21.6
                        21.5
                              22.1
                                     21.6
                                           23.9 27.3
                                                        29.6 31.6 33.3
                                                                           34.6
   [67285]
            36.0
                  36.3
                         36.0
                               33.8
                                     30.9
                                           27.4
                                                 26.1
                                                        24.6
                                                               22.9
                                                                     22.8
                                                                           22.1
                                                                                  21.2
            20.7
                                           22.1
                                                        28.9
                                                               31.2
  [67297]
                  19.9
                         19.3
                               19.0
                                     18.9
                                                  25.4
                                                                     33.4
                                                                           35.1
                         36.1
                                     32.9
                                           29.4
                                                  27.2
                                                        26.7
                                                               26.2
                                                                     25.1
  [67309]
            36.7
                  36.6
                               34.9
                                                                           24.9
                                                                                  24.4
   [67321]
            24.4
                  23.4
                         22.8
                               22.7
                                     22.8
                                            25.9
                                                  29.5
                                                        32.9
                                                               34.8
                                                                     35.5
                                                                           35.8
                                                                                  36.1
   [67333]
            35.3
                  35.3
                         34.9
                               33.6
                                     31.1
                                           26.8
                                                  25.3
                                                        24.8
                                                               24.8
                                                                     24.6
                                                                           25.0
                                                                                  23.5
##
                  22.7
                         22.1
                               21.4
                                     20.5
                                           22.2
                                                  23.5
                                                        24.9
                                                               26.3
                                                                     27.0
                                                                           27.3
   [67345]
            22.3
            29.2
                  29.0
                         28.5
                               28.2
                                     26.6
                                           24.1
                                                  23.1
                                                        22.4
                                                               21.9
                                                                           20.9
   [67357]
                                                                     21.3
                                                                                  20.7
##
   [67369]
            20.6
                  20.5
                         20.5
                               20.1
                                     19.5
                                           21.4
                                                  22.6
                                                        24.1
                                                               25.7
                                                                     26.7
                                                                           27.4
                                                                                  27.9
            27.2
                  26.6
                         25.9
                                           21.1
                                                  20.2
                                                        19.6
                                                               18.9
##
   [67381]
                               24.8
                                     23.1
                                                                     18.2
                                                                           19.7
                                                                                  17.5
                                           19.8
   [67393]
            17.1
                  16.8
                         16.6
                               16.7
                                     18.2
                                                  21.9
                                                        23.6
                                                               24.6
                                                                     25.0
                                                                           25.5
                                     23.3
                                           21.5
                                                        20.8
   [67405]
            26.6
                  26.5
                         25.9
                               24.8
                                                  21.2
                                                               20.3
                                                                     19.9
                                                                           19.7
                                                                                  19.5
##
   [67417]
            19.9
                  19.6
                         19.4
                               19.3
                                     20.3
                                            21.3
                                                  22.5
                                                        23.7
                                                               24.6
                                                                     25.8
                                                                           26.6
                                                                                  27.6
   [67429]
            29.5
                  29.5
                         29.1
                               28.2
                                     26.5
                                            24.3
                                                  23.5
                                                        22.9
                                                               22.3
                                                                     21.6
                                                                           21.0
##
                                                                                  21.2
   [67441]
            21.4
                  21.4
                         21.4
                               21.2
                                     21.3
                                            22.7
                                                  24.4
                                                        26.4
                                                               27.8
                                                                     28.9
                                                                           30.3
                                                                                  31.7
   [67453]
            32.8
                  32.7
                         32.1
                               30.6
                                     27.9
                                            24.8
                                                  24.9
                                                        23.5
                                                               22.1
                                                                     21.4
                                                                           20.9
                                                                                  20.5
   [67465]
            20.2
                  21.6
                         21.5
                               21.3
                                     21.0
                                           21.7
                                                  21.8
                                                        22.4
                                                               23.4
                                                                     24.2
                                                                           24.7
                                                                                  25.1
##
   [67477]
            27.2
                  27.4
                         27.1
                               26.2
                                     23.8
                                           21.7
                                                  21.5
                                                        20.2
                                                               19.3
                                                                     18.3
                                                                           17.4
  [67489]
            16.4
                  17.6
                         17.5
                               17.0
                                     16.0
                                           17.8
                                                  20.4
                                                        22.4
                                                               23.8
                                                                     24.9
                                                                           25.5
                                                                                  26.1
  [67501]
            27.7
                  26.6
                         26.1
                               25.1
                                     23.4
                                           21.7
                                                  21.0
                                                        20.4
                                                               19.7
                                                                     19.1
                                                                           18.4
                                                                                  17.8
            17.4
                         17.1
                                     16.8
##
  [67513]
                  17.1
                               16.9
                                           19.5
                                                  21.3
                                                        22.1
                                                               24.1
                                                                     24.6
                                                                           25.3
                                                                                  25.6
   [67525]
            26.5
                  26.5
                         26.0
                               25.1
                                     23.6
                                           22.1
                                                  21.1
                                                        20.2
                                                               19.5
                                                                     18.8
                                                                           18.4
                                                        22.6
   [67537]
            18.6
                  18.4
                         18.1
                               16.5
                                     16.0
                                           18.1
                                                  20.7
                                                               24.0
                                                                     24.8
                                                                           25.4
                                                                                  25.9
##
   [67549]
            26.0
                  26.0
                         25.6
                               24.7
                                     23.2
                                           21.7
                                                  21.0
                                                        20.2
                                                               19.4
                                                                     18.8
                                                                           18.3
##
                                                                                  18.0
   [67561]
            17.9
                                     17.2
                                           19.1
                                                 21.3
                                                        22.9
                                                               23.8
                                                                     24.6
                                                                           25.5
                                                                                  26.0
##
                  17.8
                        17.6
                               17.3
                                            20.9
   [67573]
            26.1
                  26.2
                         25.7
                               24.5
                                     22.6
                                                  19.9
                                                        19.5
                                                               18.8
                                                                     18.1
                                                                           17.8
   [67585]
            18.8
                  18.7
                         18.6
                               18.8
                                     18.7
                                            19.6
                                                  21.2
                                                        22.3
                                                               24.0
                                                                     25.0
                                                                           25.8
                                                                                  26.3
##
   [67597]
            27.2
                  27.2
                         26.7
                               25.6
                                     23.8
                                            22.1
                                                  21.1
                                                        20.3
                                                               19.4
                                                                     18.5
                                                                           17.8
##
                                                                                  17.7
            18.4
                                           19.0
                                                  20.6
                                                        22.4
                                                                           25.2
   [67609]
                  18.4
                         18.3
                               18.1
                                     17.6
                                                               24.0
                                                                     24.7
                                                                                  26.0
##
   [67621]
            26.5
                  26.6
                         26.1
                               24.8
                                     22.7
                                            21.0
                                                  20.1
                                                        19.4
                                                               18.7
                                                                     18.3
                                                                           18.0
                                                                                  17.9
                                                        22.7
##
   [67633]
            17.7
                  17.6
                         17.5
                               17.5
                                     17.5
                                            18.8
                                                  20.9
                                                               24.3
                                                                     25.2
                                                                           25.8
                                                                                  26.3
##
   [67645]
            27.1
                  27.3
                         27.0
                               26.1
                                     24.1
                                            21.8
                                                  20.3
                                                        19.1
                                                               17.7
                                                                     17.2
                                                                           16.9
                                                                                  16.6
                                                               23.3
                                                                     25.0
   [67657]
            16.1
                  15.7
                         16.8
                               17.6
                                     17.7
                                            18.7
                                                  20.0
                                                        21.6
                                                                           26.7
                                                                                  28.3
            28.9
   [67669]
                  29.3
                         28.4
                               26.9
                                     24.0
                                            22.3
                                                  21.3
                                                        20.5
                                                               19.6
                                                                     18.8
                                                                           18.2
                                                                                  18.2
                                                        24.2
   [67681]
            19.1
                  17.9
                         17.4
                               17.5
                                     17.5
                                            19.0
                                                  22.0
                                                               25.6
                                                                     27.3
                                                                           26.3
                                                                                  26.3
   [67693]
            27.9
                  27.7
                         27.6
                               25.5
                                     22.9
                                           21.5
                                                  21.1
                                                        20.6
                                                               19.7
                                                                     19.0
                                                                           18.4
##
                                                                                  19.2
   [67705]
            19.6
                  18.8
                         18.8
                               18.6
                                     18.7
                                           19.5
                                                 20.1
                                                        21.4
                                                               22.8
                                                                     24.3
                                                                           25.6
   [67717]
            24.1
                  24.1
                         24.1
                               23.8
                                     22.3
                                           21.3
                                                  21.0
                                                        20.6
                                                               20.3
                                                                     19.9
                                                                           19.3
                                                                                  18.3
   [67729]
            19.0
                  19.0
                         18.9
                               18.8
                                     18.8
                                            19.3
                                                  19.9
                                                        20.4
                                                               21.3
                                                                     21.7
                                                                           21.6
                                                                                  21.9
                               22.5
                                           20.7
                                                  20.5
                                                        20.2
                                                              20.0
   [67741]
            21.4
                  22.9
                         23.0
                                     21.5
                                                                     19.5
                                                                           19.8
                                                                                  19.7
##
                  18.6
                         19.2
                               19.0
                                     19.0
                                           19.8
                                                  19.7
                                                        20.1
                                                               20.5
                                                                     20.7
                                                                           21.2
   [67753]
            19.5
   [67765]
            24.1
                  24.0
                         23.7
                               23.8
                                     21.9
                                           20.5
                                                  19.9
                                                        19.3
                                                               18.8
                                                                     18.6
                                                                           18.5
                                                                                  18.2
##
                               17.3
                                     17.2
                                            18.6
                                                  21.2
                                                        23.3
                                                                           26.5
   [67777]
            18.0
                  17.7
                         17.4
                                                               24.9
                                                                     25.8
                                                                                  27.0
            27.8
                  26.6
                               24.4
                                     22.5
                                                  20.6
                                                        20.5
                                                               20.5
                                                                     20.3
                                                                           20.0
##
   [67789]
                         25.7
                                           21.1
                                                                                  19.5
   [67801]
                                     17.8
                                            19.2
                                                  21.0
                                                        22.5
                                                               25.0
                                                                     26.7
            19.0
                  18.1
                         17.8
                               17.6
                                                                           27.7
                                                                                  28.2
                  27.3
                                     24.4
                                            23.9
                                                  23.5
                                                        23.2
                                                               22.8
                                                                     22.4
   [67813]
            28.3
                         26.6
                               25.8
                                                                           22.1
                                                                                  21.7
##
                                                  21.9
                                                        23.2
##
   [67825]
            21.5
                  21.3
                         21.1
                               20.1
                                     19.2
                                            20.3
                                                               25.1
                                                                     26.7
                                                                           27.9
                                                                                  28.6
   [67837]
                         27.0
                               26.3
                                     24.6
                                           23.7
                                                  22.5
                                                        21.8
                                                               21.3
                                                                     21.0
                                                                           20.9
                                                                                  20.5
            28.2
                  27.2
   [67849]
            20.0
                  20.1
                         20.2
                               20.9
                                     20.9
                                            21.1
                                                  21.8
                                                        22.1
                                                               22.7
                                                                     22.8
                                                                           23.3
                                                                                  22.5
  [67861]
            19.7
                  20.3
                         19.8
                               18.4
                                     17.9
                                            17.4
                                                  16.7
                                                        16.6
                                                               16.4
                                                                     16.4
                                                                           16.4
                                                                                  16.2
## [67873]
            16.1
                  15.9
                         15.9
                               15.9
                                     15.8
                                            16.0
                                                  16.4
                                                        16.8
                                                               17.2
                                                                     17.3
                                                                           18.9
                                                                                  21.8
## [67885]
            14.8
                  14.5
                         13.8
                               13.5
                                     13.0
                                           12.6
                                                 12.3
                                                        11.9
                                                               11.7
                                                                     11.6
                                                                          11.3
                                           11.7
## [67897]
            11.2
                  11.3
                        11.3
                               11.3
                                     11.3
                                                  13.1 14.5
                                                               15.7
                                                                     17.1 18.2
                                                                                 19.0
                                           16.2 15.8 15.3 14.7 14.2 13.7
## [67909]
            20.0
                  20.0 19.7 18.9
                                     17.2
                                                                                 13.4
```

```
## [67921]
            12.8
                  12.2 11.7 11.3
                                     10.9
                                           12.2 13.9 15.7 17.4 18.8 19.9
   [67933]
            20.7
                  20.9
                         20.5
                               18.9
                                     17.2
                                            16.7
                                                  16.1
                                                        15.8
                                                               15.3
                                                                     14.5
                                                                           14.9
                                                                                  14.1
  [67945]
            12.7
                  13.5
                         13.5
                               13.5
                                     13.3
                                            13.5
                                                  15.0
                                                        16.7
                                                               18.3
                                                                     19.8
                                                                           20.8
                                                  16.5
  [67957]
            20.2
                  20.0
                         20.1
                               18.5
                                     17.5
                                            17.1
                                                        16.2
                                                               15.7
                                                                     15.0
                                                                           14.4
                                                                                  14.4
   [67969]
            14.5
                  14.8
                         14.5
                               14.3
                                     14.1
                                            15.5
                                                  17.5
                                                        18.9
                                                               20.4
                                                                     21.5
                                                                           21.9
                                                                                  22.4
  [67981]
            22.2
                  22.2
                         21.8
                               20.9
                                     18.6
                                            17.4
                                                  16.8
                                                        16.1
                                                               15.8
                                                                     15.4
                                                                           15.1
                                                                                  14.9
##
                               15.6
                                     15.7
                                            16.3
                                                  17.8
                                                        19.1
                                                               20.3
                                                                     21.4
                                                                           21.9
   [67993]
            15.0
                  15.7
                         15.6
                  23.1
                         22.7
                               22.0
                                     19.3
                                            18.2
                                                  17.9
                                                        17.3
                                                               16.1
                                                                     15.4
   [68005]
            23.1
                                                                           15.0
                                                                                  14.6
                                                  17.2
##
   [68017]
            14.3
                  15.1
                         15.1
                               15.0
                                     14.9
                                            15.6
                                                        18.9
                                                               20.4
                                                                     21.5
                                                                           22.4
                                                                                  22.8
                                            19.4
                                                  18.7
                                                        18.0
                                                                           16.9
##
   [68029]
            23.9
                  23.8
                         23.5
                               22.4
                                     19.9
                                                               17.7
                                                                     17.3
                                                                                  16.7
                                            16.5
   [68041]
            16.8
                  16.3
                         16.1
                               16.5
                                     15.3
                                                  18.5
                                                        19.8
                                                               20.5
                                                                     20.8
                                                                           21.8
                                                                                  22.5
   [68053]
            23.0
                  22.9
                         22.3
                               21.2
                                     18.5
                                            17.3
                                                  16.6
                                                        16.4
                                                               16.6
                                                                     16.6
                                                                           16.5
                                                                                  16.6
##
##
   [68065]
            16.1
                  16.1
                         16.0
                               15.6
                                     15.3
                                            16.6
                                                  19.4
                                                        21.8
                                                               23.1
                                                                     24.1
                                                                           24.8
                                                                                  25.2
                                                  18.5
   [68077]
                  24.4
                               23.1
                                     20.8
                                            19.0
                                                        18.5
                                                               18.1
                                                                     17.9
##
            24.6
                         24.1
                                                                           17.6
                                                                                  16.8
   [68089]
            16.2
                  16.0
                         16.1
                               16.1
                                     16.2
                                            16.7
                                                  17.6
                                                        18.5
                                                               18.9
                                                                     18.8
                                                                           19.3
                                                                                  19.5
   [68101]
            20.1
                  20.1
                         19.4
                               18.6
                                     17.2
                                            16.7
                                                  16.3
                                                        15.9
                                                               15.5
                                                                     15.2
                                                                           15.9
                                                                                  16.0
            15.8
                  15.8
                         15.7
                               15.6
                                     15.3
                                            15.6
                                                  16.9
                                                        18.3
                                                               19.6
                                                                     20.7
                                                                           21.3
                                                                                  21.5
##
   [68113]
   [68125]
            21.1
                  21.0
                         20.5
                               19.4
                                     17.4
                                            16.7
                                                  16.1
                                                        15.7
                                                               15.4
                                                                     15.0
                                                                           14.6
                                                                                  14.0
   [68137]
                  13.7
                         13.6
                               13.6
                                     13.8
                                            15.0
                                                  17.2
                                                        18.7
                                                               19.9
                                                                     20.8
                                                                           21.5
                                                                                  21.7
            13.8
   [68149]
            21.3
                  21.0
                         20.6
                               19.7
                                     18.9
                                            18.2
                                                  18.2
                                                        18.0
                                                               18.0
                                                                     17.6
                                                                           16.7
                                                                                  15.9
##
   [68161]
            15.5
                  15.5
                         16.0
                               16.4
                                     17.0
                                            17.3
                                                  19.2
                                                        20.1
                                                               17.4
                                                                     19.2
                                                                           21.1
                                                                                  23.1
   [68173]
            25.6
                  25.1
                         22.8
                               23.5
                                     22.1
                                            22.0
                                                  21.7
                                                        20.7
                                                               20.9
                                                                     21.3
                                                                           21.0
                                                               22.9
   [68185]
            20.3
                  19.5
                         18.9
                               18.4
                                     18.5
                                            18.6
                                                  20.5
                                                        21.9
                                                                     23.6
                                                                           24.1
                                                                                  24.3
##
   [68197]
            24.1
                  23.4
                         22.3
                               20.9
                                     19.3
                                            18.5
                                                  18.1
                                                        15.6
                                                               14.8
                                                                     15.0
                                                                           14.8
##
                                                                                  14.4
                                            13.3 14.1
                                                        14.8
                                                              16.5
##
   [68209]
            14.1
                  13.7
                         13.5
                               13.3
                                     13.1
                                                                     17.6 18.7
                                                                                  19.5
   [68221]
            19.5
                  19.6
                         19.2
                               17.8
                                     15.3
                                            15.1
                                                  14.5
                                                        13.8
                                                               13.4
                                                                     13.2
                                                                           12.7
   [68233]
            12.2
                  12.6
                         12.3
                               12.0
                                     11.7
                                            12.2
                                                  13.8
                                                        15.1
                                                               15.5
                                                                     17.0
                                                                           17.8
                                                                                  18.2
##
            18.8
                               16.9
                                            15.0
                                                  14.7
                                                        14.6
##
   [68245]
                  18.6
                         18.0
                                     15.4
                                                               14.4
                                                                     13.9
                                                                           14.0
                                                                                  14.0
   [68257]
            14.3
                  14.3
                         14.1
                               14.2
                                     14.2
                                            14.5
                                                  15.1
                                                        15.7
                                                               17.3
                                                                     18.4
                                                                           19.2
                                                                                  19.7
##
   [68269]
            19.4
                  19.1
                         18.5
                               17.2
                                     15.9
                                            15.4
                                                  14.9
                                                        14.5
                                                               14.2
                                                                     14.5
                                                                           14.3
                                                                                  13.8
##
   [68281]
            13.6
                  13.7
                         12.9
                               12.5
                                     12.3
                                            12.9
                                                  15.1
                                                         16.8
                                                               18.3
                                                                     19.1
                                                                           20.0
                                                                                  20.6
##
   [68293]
            18.9
                  18.8
                         19.2
                               18.0
                                     16.9
                                            16.5
                                                  16.5
                                                        16.4
                                                               16.1
                                                                     16.0
                                                                           16.2
                                                                                  16.2
##
   [68305]
            16.1
                  16.0
                         16.0
                               15.9
                                     15.9
                                            16.2
                                                  17.6
                                                        18.7
                                                               19.5
                                                                     20.4
                                                                           20.8
                                                                                  21.6
                                                        17.1
   [68317]
            22.8
                  23.0
                         22.7
                               21.7
                                     19.7
                                            18.5
                                                  18.0
                                                               15.7
                                                                     15.4
                                                                           15.1
                                                                                  14.9
   [68329]
            14.5
                  14.2
                         13.9
                               14.3
                                     13.9
                                            14.1
                                                  16.6
                                                        18.0
                                                               19.0
                                                                     20.0
                                                                           20.7
                                                                                  21.3
   [68341]
            20.7
                  20.6
                         20.4
                               18.9
                                     16.7
                                            16.0
                                                  15.3
                                                        14.5
                                                               14.1
                                                                     14.0
                                                                           13.9
##
                                                                                  13.8
   [68353]
            13.6
                  13.8
                         13.8
                               13.9
                                     13.7
                                            14.2
                                                  15.7
                                                        16.8
                                                               17.8
                                                                     18.8
                                                                           19.3
   [68365]
            22.8
                  22.8
                         22.3
                               20.9
                                     18.8
                                            17.7
                                                  17.0
                                                        16.5
                                                               16.2
                                                                     15.9
                                                                           15.6
                                                                                  15.3
##
   [68377]
            15.0
                  14.7
                         14.4
                               14.1
                                     13.5
                                            14.0
                                                  16.7
                                                        20.1
                                                               22.1
                                                                     23.5
                                                                           24.3
                                                                                  24.9
##
   [68389]
            23.9
                  23.5
                         22.8
                               21.3
                                     19.7
                                            19.3
                                                  19.2
                                                        18.9
                                                               18.5
                                                                     18.0
                                                                           17.6
                                                                                  17.5
##
   [68401]
                         16.8
                               16.8
                                     16.4
                                            15.9
                                                  16.3
                                                        16.9
                                                               17.2
                                                                     17.1
                                                                           16.9
            17.3
                  17.1
   [68413]
            16.0
                  15.3
                         14.7
                               14.1
                                     13.5
                                            13.3
                                                  13.3
                                                        13.0
                                                               12.6
                                                                     12.4
                                                                           12.3
                                                                                  12.0
                               12.2
                                     12.4
                                            12.7
                                                  13.3
                                                        14.4
   [68425]
            11.9
                  11.9
                         12.1
                                                               14.7
                                                                     15.2
                                                                           15.6
                                                                                  17.1
   [68437]
                               17.9
                                     17.4
                                                        17.6
                                                               19.6
##
            19.9
                  20.6
                         18.4
                                           17.2
                                                  17.1
                                                                     19.2
                                                                           18.2
                                                                                  18.4
                                     17.9
                                            15.9
                                                  14.6
                                                               14.0
   [68449]
            18.0
                  17.7
                         17.7
                               17.9
                                                        14.5
                                                                     13.8
                                                                           14.4
                         12.0
                                                        10.4
                                                                                  10.1
   [68461]
            11.9
                  11.7
                               11.4
                                     11.1
                                            11.0
                                                  10.7
                                                               10.3
                                                                     10.2
                                                                           10.0
##
   [68473]
             9.8
                   9.9
                         10.1
                               10.2
                                     10.2
                                            10.2
                                                  11.0
                                                        11.7
                                                               11.4
                                                                     12.6
                                                                           13.2
                                                                                  13.5
   [68485]
                         11.9
                               11.7
                                                  10.9
                                                        10.8
                                                               10.4
                                                                      9.9
                                                                            9.7
                                                                                   9.5
##
            12.6
                  12.2
                                     11.4
                                            11.1
   [68497]
             9.3
                   9.1
                          8.9
                                8.7
                                      8.5
                                             8.6
                                                  10.9
                                                        12.8
                                                               14.3
                                                                     15.2
                                                                           15.5
                                                                                  15.6
   [68509]
            15.8
                  15.4
                         14.9
                               13.7
                                     12.5
                                            12.0
                                                  11.6
                                                        11.4
                                                               10.9
                                                                     10.4
                                                                           10.0
                                                                                   9.7
   [68521]
             9.3
                   8.8
                          8.5
                                8.2
                                       8.0
                                             8.4
                                                  11.4
                                                        13.3
                                                               14.5
                                                                     15.3
                                                                           15.9
##
                                                                                  16.1
                                     12.9
                                            12.4
## [68533]
            16.2
                  16.0
                         15.5
                               14.3
                                                  12.3
                                                        12.0
                                                               11.4
                                                                     10.8
                                                                           10.7
                                                                                  10.6
                                      9.1
## [68545]
            10.2
                  10.0
                          9.7
                                9.4
                                             9.0
                                                  11.5
                                                        13.3 14.5
                                                                     15.2
                                                                           15.7
                                                                                  15.4
                                            12.2 11.7 11.1 10.7 10.3
## [68557]
            15.9
                  15.4 14.7
                              13.7
                                    12.7
                                                                            9.9
                                                                                   9.5
```

```
## [68569]
             9.0
                    8.5
                           8.3
                                 7.8
                                       7.6
                                              7.6
                                                    9.6 11.0 11.9 12.5
                                                                            12.3
   [68581]
            14.0
                   13.7
                                12.4
                                      11.1
                                             10.7
                                                   10.4
                                                          10.0
                                                                 9.6
                                                                        9.3
                                                                              8.9
                                                                                     8.7
                         13.1
   [68593]
             8.5
                    8.3
                           8.1
                                 7.8
                                       7.8
                                              8.7
                                                   10.5
                                                          12.1
                                                                12.9
                                                                       13.8
                                                                             14.6
                                                                                    14.9
                                                          10.8
                                                                10.5
                                                                       10.2
   [68605]
             15.3
                   15.1
                         14.4
                                13.2
                                      12.3
                                             11.9
                                                   11.3
                                                                             10.7
                                                                                    11.1
                                                                                    15.7
##
   [68617]
             10.9
                   10.6
                          9.9
                                10.6
                                      10.8
                                             11.1
                                                   12.3
                                                          13.8
                                                                15.1
                                                                       15.4
                                                                             15.7
   [68629]
             16.6
                   16.0
                         15.2
                                13.7
                                      12.9
                                             12.5
                                                   12.0
                                                          11.4
                                                                10.8
                                                                       10.7
                                                                             10.6
                                                                                    10.3
##
                    9.9
                           9.8
                                 9.8
                                        9.8
                                             10.3
                                                   11.2
                                                          12.4
                                                                13.2
                                                                       13.8
   [68641]
             10.1
                                                                             14.1
                   14.2
                                      11.7
                                             11.0
                                                   10.4
                                                          10.0
                                                                 9.7
                                                                        9.4
   [68653]
             14.6
                         13.6
                                12.4
                                                                               9.3
                                                                                     9.4
                                                   10.5
##
   [68665]
             9.4
                    9.4
                           9.2
                                 9.1
                                        8.9
                                              9.0
                                                          12.1
                                                                12.8
                                                                       13.3
                                                                             13.8
                                                                                    14.1
                   13.4
                                             10.0
                                                    9.7
                                                           9.4
                                                                              8.9
##
   [68677]
             13.7
                         12.7
                                11.4
                                      10.5
                                                                 9.3
                                                                        9.1
                                                                                     8.7
   [68689]
             8.5
                    8.3
                           8.1
                                 8.0
                                       7.9
                                              7.9
                                                    9.7
                                                          11.5
                                                                12.6
                                                                       13.4
                                                                             14.2
                                                                                    14.7
   [68701]
             14.5
                   14.3
                          13.7
                                12.3
                                      11.5
                                             11.0
                                                   10.7
                                                          10.3
                                                                 9.8
                                                                        9.4
                                                                               9.3
                                                                                     9.2
##
##
   [68713]
             9.2
                    9.4
                           8.7
                                 8.3
                                        8.0
                                              8.5
                                                   10.4
                                                          11.9
                                                                12.9
                                                                       13.6
                                                                             14.3
                                                                                    14.7
                                13.0
                                      11.6
   [68725]
                   15.9
                          15.1
                                             10.8
                                                   10.2
                                                           9.7
                                                                 9.3
                                                                        8.9
                                                                               8.7
##
             16.1
                                                                                     8.5
   [68737]
             8.6
                    8.4
                           8.1
                                 8.1
                                        8.2
                                              8.3
                                                   10.5
                                                          12.5
                                                                14.0
                                                                       15.0
                                                                             15.5
                                                                                    15.8
   [68749]
             16.3
                   16.2
                          15.6
                                13.6
                                      12.2
                                             11.4
                                                   10.6
                                                          10.3
                                                                10.1
                                                                        9.8
                                                                               9.5
                                                                                     9.3
   [68761]
             9.0
                    8.7
                           8.7
                                 9.7
                                             10.2
                                                   11.4
                                                          12.3
                                                                12.9
                                                                       13.8
                                                                             14.8
                                                                                    15.3
##
                                      10.1
   [68773]
             17.1
                   16.8
                          16.1
                                14.0
                                      12.9
                                             12.1
                                                   11.4
                                                          11.0
                                                                10.8
                                                                       10.3
                                                                               9.7
                                                                                     9.8
                                                          10.9
   [68785]
                    9.3
                          9.3
                                 9.1
                                       9.0
                                              8.9
                                                    9.9
                                                                12.0
                                                                       12.9
                                                                                    14.5
             9.3
                                                                             13.8
   [68797]
             15.2
                   15.4
                         15.0
                                13.3
                                      12.3
                                             11.5
                                                   11.0
                                                          10.8
                                                                10.5
                                                                       10.1
                                                                               9.9
                                                                                     9.6
##
   [68809]
             10.0
                    9.7
                           9.1
                                 8.8
                                        8.9
                                              9.0
                                                   10.2
                                                          11.3
                                                                12.2
                                                                       12.7
                                                                              13.3
                                                                                    13.7
   [68821]
             16.4
                   16.2
                         15.5
                                13.7
                                      12.8
                                             12.0
                                                   11.2
                                                          10.8
                                                                10.4
                                                                        9.9
                                                                               9.4
                                                                                     8.9
                                                                12.5
   [68833]
             8.8
                    8.4
                           9.0
                                 8.8
                                        8.5
                                              8.3
                                                    9.3
                                                          11.0
                                                                       14.0
                                                                             15.1
                                                                                    15.5
##
   [68845]
             16.2
                   15.7
                         14.9
                                13.4
                                      12.8
                                             11.5
                                                   11.5
                                                          11.1
                                                                10.7
                                                                       10.9
                                                                             10.6
##
                                                                                    10.0
                           9.5
                    9.5
                                 9.6
                                              9.5
                                                   11.3
                                                         14.1
                                                                16.1
                                                                       18.0
##
   [68857]
             9.7
                                        9.5
                                                                             19.1
                                                                                    19.6
   [68869]
            20.0
                   19.5
                         18.2
                                14.9
                                      13.3
                                             12.6
                                                   12.2
                                                          11.9
                                                                11.7
                                                                       11.7
                                                                             11.4
   [68881]
             12.2
                   11.3
                         11.7
                                12.8
                                      12.8
                                             12.5
                                                   13.6
                                                          17.2
                                                                19.2
                                                                       19.6
                                                                             20.2
                                                                                    20.5
   [68893]
            20.2
                   20.2
                                16.1
                                      14.6
                                             14.0
                                                   13.3
                                                          12.7
                                                                12.7
##
                         19.5
                                                                       13.2
                                                                             13.4
                                                                                    12.9
   [68905]
             12.5
                   12.3
                         12.2
                                12.1
                                      12.0
                                             11.7
                                                   13.2
                                                          16.6
                                                                19.4
                                                                       20.8
                                                                             21.7
                                                                                    22.1
##
   [68917]
             22.2
                   21.2
                         20.1
                                17.5
                                      16.5
                                             15.7
                                                   15.0
                                                          14.9
                                                                14.8
                                                                       14.7
                                                                             14.4
                                                                                    14.1
##
   [68929]
             13.9
                   13.9
                         13.8
                                13.8
                                      13.8
                                             13.5
                                                   14.7
                                                          17.3
                                                                19.1
                                                                       20.4
                                                                             21.4
                                                                                    22.0
##
   [68941]
             22.9
                   22.7
                         21.4
                                18.6
                                      17.3
                                             16.6
                                                   15.9
                                                          15.2
                                                                14.9
                                                                       14.8
                                                                             14.7
                                                                                    14.8
                                                          18.2
                                                                                    22.8
   [68953]
             15.0
                   14.9
                         14.5
                                14.2
                                      14.1
                                             14.4
                                                   15.7
                                                                20.4
                                                                       21.7
                                                                             22.5
                                                   14.6
   [68965]
             22.4
                   21.5
                         19.9
                                17.4
                                      16.2
                                             15.4
                                                          14.1
                                                                13.1
                                                                       12.4
                                                                             12.0
                                                                                    11.7
                                                                             20.3
   [68977]
             11.7
                   11.5
                         11.4
                                11.2
                                      11.0
                                             10.8
                                                   11.9
                                                          14.1
                                                                16.7
                                                                       18.8
                                                                                    20.9
   [68989]
            21.1
                   20.2
                         19.0
                                16.4
                                      15.1
                                             14.0
                                                   13.4
                                                          13.1
                                                                13.0
                                                                       12.9
                                                                             13.0
##
                                                                                    12.7
   [69001]
             12.1
                   11.2
                         10.4
                                 9.7
                                        9.7
                                              9.1
                                                   10.9
                                                          13.1
                                                                14.5
                                                                       15.4
                                                                             16.2
   [69013]
             16.3
                   16.1
                         15.1
                                12.7
                                      11.7
                                             11.3
                                                   11.2
                                                          10.7
                                                                10.2
                                                                       10.1
                                                                             10.2
                                                                                    10.7
##
   [69025]
             10.2
                   10.4
                         10.2
                                 9.6
                                        9.7
                                              9.8
                                                   11.2
                                                          14.3
                                                                16.5
                                                                       17.5
                                                                             18.2
                                                                                    18.6
##
   [69037]
             18.1
                   17.7
                         16.7
                                14.3
                                      13.5
                                             12.8
                                                   12.5
                                                          12.3
                                                                12.3
                                                                       12.4
                                                                             13.0
                                                                                    11.5
##
   [69049]
                   10.6
                         10.5
                                10.0
                                        9.7
                                              9.5
                                                   10.7
                                                          12.1
                                                                13.0
                                                                       13.9
                                                                             14.5
             11.1
   [69061]
             15.8
                   15.3
                         14.3
                                12.2
                                      11.4
                                             10.6
                                                    9.9
                                                           9.5
                                                                 9.0
                                                                        8.8
                                                                              8.6
                                                                                     8.8
   [69073]
             8.8
                                 9.1
                                        8.9
                                              9.4
                                                   10.2
                                                          13.0
                    8.9
                           9.3
                                                                15.7
                                                                       17.1
                                                                             17.9
                                                                                    18.1
   [69085]
             18.4
                                                                             10.9
##
                   17.8
                         16.8
                                14.1
                                      12.7
                                             12.1
                                                   11.9
                                                          12.2
                                                                11.7
                                                                       11.2
                                                                                    10.8
   [69097]
                                11.8
                                      11.8
                                                          13.4
                                                                15.4
                                                                       18.2
                                                                             20.0
             11.0
                   11.3
                         11.6
                                             11.7
                                                   12.3
                   20.0
                         19.2
                                17.6
                                                                                    12.5
   [69109]
             20.3
                                      16.8
                                             16.3
                                                   15.7
                                                          14.7
                                                                13.6
                                                                       13.3
                                                                             13.0
##
                                                          14.5
##
   [69121]
             12.5
                   12.1
                         11.6
                                11.5
                                      11.3
                                             11.0
                                                   11.9
                                                                17.2
                                                                       19.2
                                                                             20.2
                                                                                    20.7
   [69133]
                   20.0
                                      16.0
                                             15.2
                                                   14.7
                                                          14.4
                                                                13.9
                                                                       13.5
                                                                             13.3
                                                                                    12.9
             20.6
                         19.0
                                17.0
   [69145]
             12.8
                   13.1
                         13.5
                                13.9
                                      14.1
                                             14.1
                                                   15.2
                                                          16.9
                                                                18.0
                                                                       18.8
                                                                             19.0
                                                                                    18.9
                                                                15.8
   [69157]
             19.6
                   18.8
                         17.9
                                16.6
                                      16.1
                                             16.0
                                                   15.9
                                                          15.8
                                                                       15.9
                                                                             15.6
                                                                                    15.7
   [69169]
             15.6
                   15.7
                         15.8
                                15.8
                                      15.7
                                             15.7
                                                   16.5
                                                          17.9
                                                                19.0
                                                                       19.7
                                                                             20.0
##
                                                                                    20.1
## [69181]
             20.6
                   19.9
                         18.8
                                17.5
                                      17.0
                                             16.8
                                                   16.8
                                                          16.8
                                                                16.9
                                                                       17.0
                                                                             17.2
                                                                                    17.2
                                                          17.9
## [69193]
             17.1
                   17.1
                         16.3
                                16.2
                                      16.1
                                             15.9
                                                   16.7
                                                                18.3
                                                                       18.8
                                                                             19.3
                                                                                    19.4
## [69205]
             20.6
                   20.4 19.7 17.9
                                      17.0
                                             16.1
                                                   15.4 15.0 14.7 14.6 14.4
                                                                                   14.2
```

```
[69217]
             14.1
                    14.0 13.9
                                 13.7
                                         13.7
                                                13.6
                                                      15.2
                                                             17.6 19.4
                                                                            20.5
                                                                                   21.1
   [69229]
                                                                                          13.6
             21.2
                    20.7
                           19.6
                                  17.4
                                         16.3
                                                15.5
                                                       15.0
                                                              14.7
                                                                     14.2
                                                                            13.9
                                                                                   13.9
##
   [69241]
             13.3
                    13.1
                           12.9
                                  12.7
                                         12.4
                                                12.0
                                                       14.2
                                                              16.7
                                                                     18.3
                                                                            19.2
                                                                                   19.6
                                                                                          19.8
   [69253]
             19.9
                    19.2
                           18.4
                                  16.9
                                         15.3
                                                14.8
                                                       15.1
                                                              15.7
                                                                     15.7
                                                                            16.0
                                                                                   15.8
                                                                                          15.1
##
   [69265]
             14.7
                    14.6
                           14.5
                                  14.3
                                         13.7
                                                13.3
                                                       14.0
                                                              15.2
                                                                     15.9
                                                                            16.2
                                                                                   16.3
                                                                                          16.5
   [69277]
             18.4
                    17.5
                           16.7
                                  15.4
                                         15.1
                                                15.0
                                                       15.5
                                                              14.7
                                                                     13.4
                                                                            13.3
                                                                                   13.4
                                                                                          13.4
##
                                  12.0
                                         11.5
                                                10.9
                                                       12.3
                                                              14.2
                                                                     15.7
                                                                                   15.4
   [69289]
             13.3
                    13.3
                           12.8
                                                                            15.5
                           14.4
                                                       14.3
                                                              14.4
                                                                     14.0
                                                                            13.4
##
   [69301]
             17.3
                    16.5
                                  14.6
                                         15.3
                                                14.4
                                                                                   13.6
                                                                                          13.5
                                                              12.4
##
   [69313]
             13.4
                    13.0
                           12.9
                                  12.3
                                         12.5
                                                12.3
                                                       12.1
                                                                     13.4
                                                                            13.5
                                                                                   13.6
                                                                                          13.5
                    14.3
##
   [69325]
             14.6
                           14.0
                                  13.3
                                         12.9
                                                12.9
                                                       13.7
                                                              13.6
                                                                     13.4
                                                                            13.5
                                                                                   13.4
                                                                                          11.4
   [69337]
             10.6
                    10.1
                            8.7
                                   9.6
                                          9.1
                                                 7.5
                                                        7.6
                                                               8.2
                                                                      8.9
                                                                             9.5
                                                                                   10.1
                                                                                          10.5
   [69349]
             11.9
                    11.6
                           10.9
                                   9.1
                                          8.3
                                                 7.7
                                                        7.2
                                                               6.9
                                                                      6.5
                                                                             8.5
                                                                                    6.2
                                                                                           5.2
##
##
   [69361]
              4.3
                      3.6
                            3.1
                                   2.9
                                          2.6
                                                 2.2
                                                        4.1
                                                               6.8
                                                                      8.2
                                                                             9.4
                                                                                   10.8
                                                                                          12.0
   [69373]
             12.3
                                   8.5
                                          7.9
                                                 7.6
                                                        7.6
                                                               7.7
                                                                      7.6
                                                                             7.5
                                                                                    7.2
##
                    11.5
                           10.5
                                                                                           7.1
   [69385]
              6.9
                      6.7
                            6.8
                                   6.9
                                          6.9
                                                 6.6
                                                              10.9
                                                                     13.3
                                                                            14.6
                                                                                   15.2
                                                                                          15.5
##
                                                        8.1
##
   [69397]
             16.4
                    15.7
                           14.8
                                  13.0
                                         12.4
                                                11.7
                                                       10.6
                                                              10.1
                                                                      9.8
                                                                             9.9
                                                                                   10.2
                                                                                          10.3
   [69409]
                                         10.4
                                                10.1
                                                       10.1
                                                              11.7
                                                                     12.0
                                                                            12.2
                                                                                   12.6
                                                                                          12.7
##
             10.4
                    10.3
                           10.3
                                  11.0
   [69421]
             13.8
                    13.4
                           12.7
                                  10.4
                                          9.2
                                                 8.4
                                                        7.4
                                                               7.0
                                                                      6.7
                                                                             6.6
                                                                                    6.5
                                                                                           6.0
   [69433]
                                   5.4
                                                 4.9
                                                               7.7
                                                                     10.0
                                                                                   11.9
                                                                                          12.4
##
              5.7
                     5.6
                            5.7
                                          5.1
                                                        5.6
                                                                            11.1
##
   [69445]
             13.4
                    13.1
                           12.2
                                  10.5
                                          9.5
                                                 8.8
                                                        8.3
                                                               8.2
                                                                      7.9
                                                                             7.8
                                                                                    7.6
                                                                                           7.5
##
   [69457]
              7.4
                     7.1
                            6.9
                                   6.7
                                          6.5
                                                 6.5
                                                        6.6
                                                               9.1
                                                                     11.1
                                                                            11.9
                                                                                   12.3
                                                                                          12.5
   [69469]
             11.6
                    11.0
                           10.1
                                   8.5
                                          7.9
                                                 7.3
                                                        6.8
                                                               6.3
                                                                      5.6
                                                                             5.2
                                                                                    5.0
                                                                                           4.6
##
                                                                      7.9
   [69481]
              4.3
                     3.9
                            3.8
                                                 3.2
                                                        4.0
                                                                             8.8
                                                                                    9.5
                                                                                           9.9
##
                                   3.7
                                          3.4
                                                               6.4
   [69493]
             11.0
                    10.5
                                   7.4
                                                        5.7
                                                               5.6
                                                                      5.5
                                                                             5.5
                                                                                    5.4
                                                                                           5.5
##
                            9.6
                                          6.7
                                                 6.1
                                                                                   12.2
                                                                                          12.7
##
   [69505]
              5.4
                      5.2
                            5.2
                                   5.1
                                          4.9
                                                 4.6
                                                        5.1
                                                               7.7
                                                                      9.9
                                                                            11.3
                                                                      7.4
   [69517]
             13.7
                    13.5
                           12.6
                                  10.3
                                          8.3
                                                 7.4
                                                        7.3
                                                               7.3
                                                                             7.0
                                                                                    6.8
                                                                                           6.5
   [69529]
              6.3
                      6.1
                            6.0
                                   5.9
                                          5.9
                                                 5.5
                                                        5.7
                                                               8.8
                                                                     11.2
                                                                            12.6
                                                                                   13.6
                                                                                          14.2
##
   [69541]
             14.5
                                   9.7
                                                               7.8
                                                                      7.9
                                                                             7.9
##
                    13.8
                           12.4
                                          8.9
                                                 8.4
                                                        8.3
                                                                                    8.1
                                                                                           7.5
   [69553]
              7.1
                      6.8
                            6.7
                                   6.5
                                          6.2
                                                 5.8
                                                        7.3
                                                               9.8
                                                                     10.7
                                                                            11.6
                                                                                   12.1
                                                                                          12.1
##
##
   [69565]
             13.2
                    12.7
                           11.9
                                  10.4
                                          9.9
                                                 9.6
                                                        9.3
                                                               8.8
                                                                      8.5
                                                                             8.5
                                                                                    8.7
                                                                                           9.1
##
   [69577]
              9.1
                      9.0
                            8.9
                                   8.9
                                          8.9
                                                 8.7
                                                        9.0
                                                               9.9
                                                                     10.9
                                                                            11.2
                                                                                   11.8
                                                                                          12.1
##
   [69589]
             11.7
                    11.7
                           10.9
                                   9.6
                                          9.2
                                                 8.9
                                                        8.6
                                                               8.4
                                                                      8.4
                                                                             8.1
                                                                                    7.9
                                                                                           7.7
##
   [69601]
              7.5
                      8.2
                            8.1
                                   8.0
                                          7.9
                                                 7.9
                                                        8.0
                                                               9.1
                                                                     10.0
                                                                            10.6
                                                                                   11.1
                                                                                          10.8
   [69613]
                                          9.2
                                                               8.2
                                                                      7.9
                                                                             7.8
                                                                                    7.3
                                                                                           6.8
             10.8
                    10.8
                           10.3
                                   9.5
                                                 8.9
                                                        8.6
##
   [69625]
              6.4
                      6.0
                            6.0
                                   5.9
                                          5.6
                                                 5.2
                                                        5.0
                                                               5.4
                                                                      6.0
                                                                             6.6
                                                                                    7.3
                                                                                           8.1
##
                                          6.5
                                                 6.2
                                                        6.3
                                                                             5.4
   [69637]
              9.3
                      9.4
                            8.7
                                   7.2
                                                               5.9
                                                                      5.6
                                                                                    5.3
                                                                                           5.0
##
   [69649]
              4.6
                      4.4
                             4.1
                                   4.1
                                          4.0
                                                 3.8
                                                        3.5
                                                               5.1
                                                                      6.4
                                                                             7.5
                                                                                    8.3
                                                                                           8.9
   [69661]
              9.1
                      9.0
                            8.2
                                   6.1
                                          5.1
                                                 4.6
                                                        4.4
                                                               4.2
                                                                      4.2
                                                                             4.3
                                                                                    4.1
                                                                                           3.7
##
                                                                      7.8
   [69673]
              3.5
                      3.4
                            3.3
                                   3.0
                                          2.5
                                                 2.2
                                                        2.6
                                                               4.9
                                                                             8.8
                                                                                    9.5
                                                                                           9.9
##
   [69685]
             10.1
                      9.7
                            8.8
                                   6.8
                                          6.0
                                                 5.4
                                                        5.0
                                                               4.7
                                                                      4.3
                                                                             4.1
                                                                                    4.3
                                                                                           4.3
##
   [69697]
                                          4.9
                                                 5.2
                                                        5.9
                                                               8.0
                                                                     10.1
                                                                            11.5
                                                                                   12.4
                                                                                          13.1
              4.2
                      4.1
                             4.4
                                   4.8
   [69709]
             13.5
                    12.6
                           11.2
                                   8.8
                                          7.8
                                                 7.4
                                                        7.0
                                                               6.9
                                                                      6.3
                                                                             6.1
                                                                                    6.1
                                                                                           6.0
##
##
   [69721]
              6.0
                      6.1
                            6.2
                                   6.7
                                          6.3
                                                 6.8
                                                        7.1
                                                               7.8
                                                                      8.4
                                                                             9.1
                                                                                    9.5
                                                                                           9.5
                    10.2
                                   8.2
                                                                      6.0
                                                                                    5.3
##
   [69733]
             10.6
                            9.5
                                          7.8
                                                 7.4
                                                        7.0
                                                               6.5
                                                                             5.6
                                                                                           5.0
   [69745]
##
              4.5
                      4.1
                            3.8
                                   4.5
                                          4.7
                                                 4.7
                                                        4.8
                                                               5.7
                                                                      6.6
                                                                             7.2
                                                                                    7.7
                                                                                           8.2
   [69757]
                      9.2
                                   7.5
                                          7.3
                                                 7.2
                                                        7.2
                                                               7.5
                                                                      7.4
                                                                             7.2
                                                                                    7.0
                                                                                           7.0
              9.6
                            8.4
##
##
   [69769]
              6.7
                      6.2
                            5.9
                                   5.9
                                          5.7
                                                 5.5
                                                        5.4
                                                               6.1
                                                                      7.0
                                                                             8.2
                                                                                    8.9
                                                                                           9.6
   [69781]
              9.3
                      8.9
                                   7.5
                                                        5.5
                                                               4.6
                                                                                    3.9
                                                                                           3.7
##
                            8.3
                                          6.9
                                                 6.1
                                                                      4.3
                                                                             4.2
   [69793]
              3.5
                      3.4
                            3.1
                                   2.9
                                          2.9
                                                 2.7
                                                        3.0
                                                               4.8
                                                                      5.9
                                                                             7.0
                                                                                    7.7
                                                                                           8.0
                                                                             2.9
##
   [69805]
              8.6
                      8.4
                            7.4
                                   5.9
                                          5.1
                                                 4.6
                                                        4.3
                                                               3.9
                                                                      3.6
                                                                                    2.8
                                                                                           2.6
                            1.5
   [69817]
              2.0
                      1.6
                                          0.7
                                                 1.4
                                                        2.1
                                                               3.9
                                                                      5.7
                                                                             7.0
                                                                                    7.8
##
                                   1.1
                                                                                           8.3
##
   [69829]
              9.8
                      9.4
                            8.5
                                   6.7
                                          6.0
                                                 5.5
                                                        5.2
                                                               5.0
                                                                      4.7
                                                                             4.3
                                                                                    4.0
                                                                                           4.1
##
   [69841]
              4.6
                      3.9
                            3.5
                                   3.0
                                          2.5
                                                 2.6
                                                        3.2
                                                               5.3
                                                                      6.4
                                                                             7.3
                                                                                    8.1
                                                                                           8.6
## [69853]
             10.7
                    10.3
                            9.3
                                   7.1
                                          6.3
                                                 5.9
                                                        5.9
                                                               5.8
                                                                      5.6
                                                                             5.5
                                                                                    5.1
                                                                                           4.9
```

```
## [69865]
              4.9
                     4.6
                           4.4
                                  4.2
                                         4.0
                                                3.7
                                                      4.0
                                                             6.7
                                                                    9.1
                                                                         10.5 11.8
                                                                                       12.6
   [69877]
             13.6
                    13.3
                          12.4
                                 10.2
                                         8.9
                                               8.2
                                                      7.8
                                                             7.4
                                                                    7.2
                                                                          7.0
                                                                                 6.9
                                                                                        6.8
   [69889]
              6.8
                     6.6
                           6.5
                                  6.5
                                         6.4
                                               6.0
                                                      6.0
                                                             7.7
                                                                   10.4
                                                                         12.4
                                                                                14.0
                                                                                       14.5
   [69901]
                                                                    9.3
                                                                          8.9
                                                                                 8.6
             15.8
                    15.7
                          14.2
                                 12.3
                                        11.9
                                               11.0
                                                     10.2
                                                             9.7
                                                                                        8.2
##
   [69913]
              7.4
                     6.5
                           5.9
                                  5.3
                                         5.0
                                               4.7
                                                      5.3
                                                             8.2
                                                                   10.9
                                                                         12.4
                                                                                13.5
                                                                                       14.2
   [69925]
             15.4
                    14.8
                          13.5
                                 10.5
                                         9.5
                                               9.2
                                                      9.2
                                                             9.2
                                                                    8.9
                                                                          8.7
                                                                                 8.7
                                                                                        8.4
##
   [69937]
                     8.1
                           8.0
                                         7.8
                                               7.3
                                                             9.7
                                                                   12.7
                                                                         14.8
                                                                                16.4
                                                                                       17.2
              8.3
                                  7.9
                                                      7.1
                    15.8
                                                                    8.0
                                                                          7.5
                                                                                 7.1
   [69949]
             16.2
                          14.3
                                 11.1
                                        10.0
                                               9.3
                                                      8.9
                                                             8.4
                                                                                        6.9
##
   [69961]
              6.9
                     6.9
                           6.3
                                  6.2
                                         6.0
                                                6.1
                                                      5.9
                                                             8.6
                                                                   11.4
                                                                         12.7
                                                                                13.5
                                                                                       14.1
                                                                    7.3
##
   [69973]
             14.1
                    13.7
                          12.6
                                 10.0
                                         9.0
                                               8.4
                                                      8.1
                                                             8.0
                                                                          6.8
                                                                                 6.7
                                                                                        6.2
   [69985]
              5.8
                     6.6
                           6.4
                                  6.6
                                         6.4
                                                6.1
                                                      6.1
                                                             6.9
                                                                    8.5
                                                                         10.1
                                                                                10.8
                                                                                       11.1
   [69997]
             11.7
                    11.2
                          10.1
                                  7.9
                                         7.1
                                                      6.2
                                                             6.0
                                                                    5.7
                                                                          5.5
                                                                                 5.2
                                                                                        4.7
                                                6.5
##
   [70009]
              4.4
                     4.3
                           4.4
                                  4.2
                                         4.1
                                                4.0
                                                      4.3
                                                             6.5
                                                                    8.5
                                                                          9.9
                                                                                11.0
                                                                                       11.6
   [70021]
             13.7
                                  9.5
                                                      7.7
                                                                           6.9
##
                    13.3
                          12.1
                                         8.6
                                                8.1
                                                             7.3
                                                                    7.1
                                                                                 6.6
                                                                                        6.4
   [70033]
              6.2
                     5.9
                           5.6
                                  5.7
                                         5.7
                                                5.5
                                                      5.8
                                                             8.7
                                                                   11.2
                                                                         12.8
                                                                                14.1
                                                                                       14.9
   [70045]
             16.2
                    15.7
                          14.3
                                 12.0
                                        10.7
                                                9.5
                                                      8.7
                                                             8.3
                                                                    8.1
                                                                          7.9
                                                                                 7.7
                                                                                        7.6
   [70057]
              7.3
                     7.1
                           7.1
                                  7.1
                                         7.3
                                                      7.2
                                                             8.7
                                                                   11.2
                                                                                11.6
                                                                                       11.6
##
                                                7.0
                                                                         11.8
   [70069]
             12.6
                    12.0
                          10.8
                                  9.1
                                         9.0
                                               8.0
                                                      9.1
                                                             7.9
                                                                    7.1
                                                                          6.7
                                                                                 6.2
                                                                                        5.8
  [70081]
              5.0
                     4.2
                           2.6
                                                             2.1
                                                                    3.3
                                                                          4.0
                                                                                        4.9
                                  2.1
                                         1.7
                                               1.5
                                                      1.1
                                                                                 4.5
## [70093]
              4.2
                     3.9
                           3.1
                                  1.1
                                         0.4
                                               -0.4
                                                     -1.4
                                                            -1.7
                                                                   -2.2
                                                                         -2.7
                                                                                -3.1
                                                                                       -3.5
## [70105]
             -3.8
                    -4.1
                          -4.3
                                 -4.1
                                        -4.5
                                               -4.7
                                                     -4.6
                                                            -4.0
                                                                   -2.9
                                                                         -2.6
                                                                                -1.9
                                                                                       -1.5
## [70117]
              0.1
                     0.2
                          -0.3
                                 -1.6
                                        -2.6
                                               -3.1
                                                     -3.5
                                                            -3.9
                                                                   -4.0
                                                                         -4.1
                                                                                -4.4
                                                                                       -4.7
                                                                   -2.0
                                                                         -0.6
## [70129]
             -5.0
                    -5.4
                          -5.8
                                 -6.3
                                        -6.6
                                              -7.0
                                                     -6.6
                                                            -3.7
                                                                                 0.6
                                                                                        1.2
                           1.2
   [70141]
                                 -0.7
                                        -1.5
                                              -1.9
                                                     -1.9
                                                            -1.8
                                                                   -2.3
                                                                         -2.6
                                                                                -2.5
                                                                                       -2.5
##
              1.9
                     1.8
             -2.2
                                        -0.3
                                              -0.8
                                                     -0.9
                                                             0.4
                                                                    1.3
                                                                          2.3
                                                                                 2.6
                                                                                        3.5
## [70153]
                    -1.7
                          -0.1
                                  0.4
  [70165]
              4.7
                     4.3
                           3.8
                                  3.2
                                         2.1
                                               0.9
                                                      0.5
                                                            -0.4
                                                                   -1.3
                                                                         -1.5
                                                                                -1.6
                                                                                       -1.1
## [70177]
              0.0
                     0.3
                           0.7
                                  1.0
                                         1.1
                                               0.4
                                                     -0.5
                                                             0.4
                                                                    1.4
                                                                          2.8
                                                                                 3.7
                                                                                        4.3
## [70189]
              5.7
                     4.5
                                         4.7
                                                      7.9
                                                                    8.2
                                                                                 9.5
                                                                                        7.7
                           3.7
                                  3.4
                                               5.4
                                                             8.1
                                                                          8.3
## [70201]
              4.6
                     2.5
                           2.6
                                  2.1
                                         2.1
                                                1.7
                                                      2.0
                                                             3.3
                                                                    3.7
                                                                          4.2
                                                                                 5.1
                                                                                        5.8
## [70213]
              6.6
                     6.7
                           6.5
                                  4.7
                                         4.7
                                                4.9
                                                      5.2
                                                             5.3
                                                                    5.4
                                                                          7.1
                                                                                 9.7
                                                                                       10.7
## [70225]
             11.5
                    11.9
                          12.7
                                 13.8
                                        13.6
                                               10.8
                                                      9.6
                                                             9.8
                                                                   10.6
                                                                         11.7
                                                                                13.1
                                                                                       14.1
##
   [70237]
             10.8
                    10.4
                          10.1
                                  9.3
                                         9.0
                                               9.0
                                                      9.0
                                                             9.1
                                                                    9.1
                                                                          9.1
                                                                                 9.2
                                                                                        9.0
   [70249]
              9.1
                     9.1
                           9.1
                                  9.3
                                         9.6
                                               10.3
                                                     11.2
                                                            13.3
                                                                   16.1
                                                                         17.3
                                                                                17.3
                                                                                       17.8
                    17.6
                                               15.1
                                                     15.1
  [70261]
                          17.0
                                                            14.9
                                                                   14.9
                                                                         15.0
                                                                                15.1
                                                                                       15.3
             17.8
                                 16.2
                                        15.6
   [70273]
             14.9
                    13.9
                          13.3
                                 13.0
                                        12.8
                                               12.8
                                                     11.9
                                                            12.2
                                                                   12.7
                                                                         12.4
                                                                                12.5
                                                                                       12.5
## [70285]
             12.6
                    12.4
                          11.7
                                 10.3
                                         9.1
                                               9.5
                                                      9.1
                                                             8.0
                                                                    6.5
                                                                          5.7
                                                                                 5.4
                                                                                        5.2
## [70297]
              5.1
                     5.0
                           5.1
                                  4.1
                                         4.8
                                                4.0
                                                      3.8
                                                             6.0
                                                                    8.2
                                                                          9.3
                                                                                10.5
                                                                                       11.0
## [70309]
             11.3
                    10.8
                          10.2
                                  8.0
                                         7.7
                                               7.5
                                                      7.2
                                                             6.9
                                                                    6.3
                                                                          6.0
                                                                                 5.8
                                                                                        4.7
   [70321]
              4.7
                     5.0
                           4.8
                                  4.5
                                         4.4
                                               4.2
                                                      4.4
                                                             7.2
                                                                   10.2
                                                                         12.2
                                                                                13.2
                                                                                       13.8
   [70333]
             14.7
                    14.5
                          13.4
                                 10.8
                                         9.5
                                               8.6
                                                      8.5
                                                             8.4
                                                                    8.4
                                                                          8.6
                                                                                 8.8
                                                                                        8.6
##
                                                                   13.5
                                                                         14.9
   [70345]
                     8.7
                           9.1
                                  9.3
                                         9.5
                                               9.6
                                                      9.6
                                                            11.6
                                                                                16.0
                                                                                       16.8
              8.7
   [70357]
             14.2
                   14.4
                          14.4
                                 14.1
                                        13.7
                                               13.4
                                                     13.8
                                                            13.8
                                                                   13.9
                                                                         13.8
                                                                                13.8
                                                                                       13.8
                                 12.7
                                        12.8
                                              11.7
   [70369]
             13.8
                    13.7
                          13.0
                                                     11.8
                                                            13.6
                                                                   15.1
                                                                         16.4
                                                                                17.1
                                                                                       17.4
                                        13.4
##
   [70381]
             17.3
                    17.1
                          16.0
                                 14.2
                                              12.8
                                                     12.4
                                                            12.2
                                                                   12.1
                                                                         12.2
                                                                                12.3
                                                                                       12.6
## [70393]
                                                            13.8
                                                                   14.9
             12.9
                    12.6
                          12.5
                                 12.7
                                        12.1
                                              12.0
                                                     12.3
                                                                         15.8
                                                                                16.7
## [70405]
             17.2
                    16.8
                          16.1
                                 15.0
                                        14.8
                                              14.7
                                                     14.3
                                                            14.1
                                                                   13.8
                                                                         13.4
                                                                                12.9
                                                                                       12.5
##
   [70417]
             11.9
                    11.6
                          11.2
                                 10.2
                                         9.8
                                               9.3
                                                      9.4
                                                            13.0
                                                                   14.2
                                                                         14.1
                                                                                14.4
                                                                                       14.3
   [70429]
                    14.2
                          13.5
                                        10.3
                                                                                 8.5
                                                                                        8.1
             14.5
                                 11.3
                                               9.8
                                                      9.4
                                                             9.0
                                                                    8.7
                                                                          8.7
              8.0
## [70441]
                     8.1
                           7.7
                                  7.8
                                         6.6
                                               7.7
                                                      6.5
                                                             8.2
                                                                    9.3
                                                                         10.6
                                                                                11.5
                                                                                       12.0
                                                             7.1
## [70453]
             11.6
                    11.6
                          11.0
                                  9.0
                                         8.1
                                               7.6
                                                      7.3
                                                                    6.8
                                                                          6.5
                                                                                 6.2
                                                                                        5.8
## [70465]
              5.7
                     5.4
                           5.6
                                  5.8
                                         6.4
                                               6.5
                                                      6.5
                                                             7.6
                                                                    9.7
                                                                         11.3
                                                                                11.9
                                                                                       12.4
## [70477]
             13.5
                    13.2
                          12.4
                                 11.0
                                        10.2
                                               10.4
                                                     10.6
                                                            10.5
                                                                   10.7
                                                                         10.9
                                                                                11.1
## [70489]
             11.3
                    11.3
                          12.1
                                 12.3
                                        12.0
                                              12.2
                                                     12.4
                                                            12.8
                                                                   13.1
                                                                         13.2
                                                                               13.4
                                                                                      13.3
## [70501]
             14.7
                   14.8 14.3 13.4
                                       12.9
                                              13.0
                                                    13.0 13.0 12.9 12.8 12.6
```

```
## [70513]
             12.2
                   12.1 12.1 11.9
                                       11.1 11.0 10.6 10.8 11.5 11.6 11.1
  [70525]
              4.3
                    4.4
                           3.7
                                 2.7
                                               0.9
                                                     0.2
                                                           -0.2
                                                                 -0.8
                                                                        -1.3
                                                                              -2.1
                                                                                     -2.8
                                        1.7
                                                    -2.5
  [70537]
             -3.0
                   -2.7
                          -2.7
                                -2.7
                                       -2.6
                                             -2.6
                                                           -2.1
                                                                 -1.6
                                                                        -0.8
                                                                              -0.2
                                                                                      0.2
                                                           -1.7
                                                                                     -1.2
## [70549]
              0.0
                   -0.1
                          -0.5
                                -1.4
                                       -1.5
                                             -1.8
                                                    -1.9
                                                                 -1.8
                                                                        -1.4
                                                                              -1.1
## [70561]
             -1.1
                   -2.0
                          -2.7
                                -2.1
                                       -2.8
                                             -2.9
                                                    -1.7
                                                            0.0
                                                                  0.8
                                                                         1.3
                                                                                1.7
                                                                                      2.0
## [70573]
              2.6
                    2.7
                           2.4
                                 0.7
                                       -0.7
                                             -1.0
                                                    -1.4
                                                                 -1.8
                                                                        -1.8
                                                                               -1.4
                                                                                     -0.6
                                                           -1.7
                          -0.7
                                -0.8
                                        0.0
                                             -0.3
                                                            3.1
                                                                  5.4
                                                                         6.8
                                                                                7.5
## [70585]
             -0.2
                   -0.3
                                                     1.2
                                                                                      6.2
                                                            2.8
                                                                   2.8
                                                                         2.9
                                                                                2.8
                                                                                      2.4
## [70597]
              5.4
                    5.1
                           5.1
                                 4.7
                                        4.4
                                               3.5
                                                     3.1
##
   [70609]
              2.4
                    2.9
                           2.7
                                 2.6
                                        2.5
                                               1.4
                                                     0.8
                                                            2.7
                                                                  4.2
                                                                         5.4
                                                                                6.3
                                                                                      6.8
                    7.6
                                                                  5.2
                                                                                      2.7
##
  [70621]
              7.7
                           7.3
                                 6.1
                                        5.1
                                               5.1
                                                     5.1
                                                            5.1
                                                                         5.0
                                                                                3.7
  [70633]
              2.0
                    0.0
                          -1.0
                                -0.3
                                        1.1
                                              -0.4
                                                     0.0
                                                            1.5
                                                                   2.1
                                                                         2.2
                                                                                2.6
                                                                                      2.7
## [70645]
              3.5
                    3.4
                           3.2
                                 2.2
                                        2.5
                                               2.1
                                                           -0.4
                                                                 -0.8
                                                                        -1.0
                                                                               -1.5
                                                                                     -1.8
                                                     0.3
## [70657]
             -2.1
                   -2.4
                          -2.6
                                -2.8
                                       -2.9
                                             -2.9
                                                    -2.6
                                                           -1.5
                                                                 -0.4
                                                                         0.6
                                                                                1.4
                                                                                      2.0
## [70669]
                                                    -1.9
                                                           -2.3
                                                                 -2.6
                                                                        -2.8
                                                                               -2.9
              1.9
                    1.8
                           1.8
                                 1.3
                                        0.8
                                               0.2
                                                                                     -2.9
## [70681]
             -3.0
                   -3.1
                          -3.1
                                -3.2
                                       -3.3
                                             -3.4
                                                    -2.7
                                                           -0.7
                                                                  0.5
                                                                         1.5
                                                                                2.3
                                                                                      2.8
   [70693]
              2.2
                    2.1
                           1.7
                                 0.2
                                       -1.1
                                             -2.4
                                                    -2.4
                                                           -2.7
                                                                 -2.5
                                                                        -2.5
                                                                               -2.7
                                                                                     -2.4
   [70705]
             -1.9
                   -1.6
                          -1.6
                                -1.8
                                       -2.1
                                             -2.4
                                                    -1.6
                                                            0.1
                                                                         1.9
                                                                                2.5
                                                                                      2.8
##
                                                                   1.1
   [70717]
              2.3
                    2.2
                           1.7
                                 0.1
                                       -1.3
                                             -1.8
                                                    -1.7
                                                           -1.3
                                                                 -1.0
                                                                        -1.0
                                                                               -1.4
                                                                                     -1.7
## [70729]
             -1.4
                          -0.8
                                        0.8
                                               1.2
                                                            2.9
                                                                  3.5
                                                                         3.5
                                                                               3.2
                   -1.1
                                 0.1
                                                     1.9
                                                                                      3.0
## [70741]
              5.1
                    4.7
                           4.5
                                 3.2
                                        3.0
                                               2.8
                                                     1.1
                                                            0.5
                                                                  0.0
                                                                        -0.4
                                                                               -0.8
                                                                                     -1.2
                                -1.8
## [70753]
            -1.6
                   -1.9
                          -2.0
                                       -1.5
                                              -1.1
                                                     0.2
                                                            1.8
                                                                  3.1
                                                                         4.6
                                                                                6.1
                                                                                      7.1
## [70765]
              8.6
                    8.6
                           8.2
                                 6.7
                                        5.0
                                               4.4
                                                     4.0
                                                            5.8
                                                                   6.2
                                                                         6.4
                                                                                6.4
                                                                                      6.5
## [70777]
              6.2
                    6.1
                           6.0
                                        5.5
                                               5.0
                                                            7.7
                                                                  9.6
                                                                        10.9
                                                                              12.1
                                                                                     12.9
                                 5.8
                                                     5.6
   [70789]
             13.1
                   13.0
                          12.5
                                        9.3
                                               7.8
                                                     7.1
                                                            6.7
                                                                  6.2
                                                                         6.1
                                                                                6.0
                                                                                      6.1
##
                                11.3
  [70801]
                                                     7.4
                                                                 12.0
                                                                        13.1
                                                                              13.6
                                                                                     14.1
##
              6.3
                    6.5
                           6.3
                                  6.4
                                        6.8
                                               7.0
                                                            9.4
  [70813]
             14.7
                   14.4
                          13.6
                                11.9
                                       10.6
                                              10.0
                                                     9.7
                                                            9.6
                                                                  9.4
                                                                         9.2
                                                                               9.8
                                                                                      9.6
  [70825]
              9.4
                    9.2
                           9.2
                                 9.3
                                        9.5
                                               9.7
                                                     9.8
                                                           11.0
                                                                 11.5
                                                                        11.8
                                                                              13.7
                                                                                     14.4
##
## [70837]
             14.0
                   14.5
                                                                               7.5
                          14.0
                                12.6
                                       11.1
                                               9.9
                                                     9.3
                                                            9.0
                                                                  8.4
                                                                         7.3
                                                                                      7.2
              5.0
## [70849]
                    4.4
                           4.2
                                 4.1
                                        4.2
                                               4.8
                                                     6.7
                                                            9.8
                                                                 12.1
                                                                        13.7
                                                                               14.6
                                                                                     15.4
  [70861]
             15.4
                   15.2
                          14.6
                                13.2
                                       11.6
                                             11.0
                                                    10.7
                                                           10.8
                                                                 10.8
                                                                        11.3
                                                                              10.9
                                                                                     11.1
                          11.5
  [70873]
             11.2
                   11.1
                                11.9
                                       11.9
                                              11.5
                                                    11.5
                                                           13.2
                                                                 14.2
                                                                        15.4
                                                                               16.1
                                                                                     16.3
##
   [70885]
             16.6
                   16.3
                          15.3
                                13.5
                                       11.4
                                             10.9
                                                    10.5
                                                           10.6
                                                                 10.5
                                                                         9.9
                                                                               9.5
                                                                                      9.6
   [70897]
              9.4
                    9.1
                           9.3
                                 8.7
                                        7.6
                                               6.6
                                                     7.1
                                                            9.2
                                                                 11.0
                                                                        12.5
                                                                              13.6
                                                                                     14.4
## [70909]
                   17.2
                          16.3
                                14.0
                                             11.2
                                                    10.6
                                                           10.2
                                                                 10.6
                                                                        10.4
                                                                              10.0
                                                                                      9.2
             17.1
                                       11.8
## [70921]
              8.9
                    8.6
                           8.8
                                 8.8
                                        9.0
                                               9.3
                                                    10.8
                                                           13.3
                                                                 15.2
                                                                        16.3
                                                                              17.2
                                                                                     17.6
## [70933]
             18.1
                   17.7
                          17.2
                                15.8
                                       14.0
                                             13.2
                                                    12.9
                                                           12.6
                                                                 12.2
                                                                        12.1
                                                                              11.9
                                                                                     12.0
## [70945]
             12.1
                   12.0
                          11.9
                                11.8
                                       11.9
                                             11.8
                                                    12.4
                                                           14.1
                                                                 14.8
                                                                        15.1
                                                                              15.1
## [70957]
             16.8
                   16.5
                          15.8
                                14.7
                                       13.8
                                             13.7
                                                    13.4
                                                           13.3
                                                                 13.1
                                                                        13.0
                                                                              12.8
                                                                                     12.8
## [70969]
             12.7
                    6.0
                           5.9
                                 5.2
                                        4.5
                                               3.2
                                                     2.2
                                                            1.3
                                                                   1.1
                                                                         1.2
                                                                                1.6
                                                                                      2.6
                                                                         3.1
## [70981]
              2.3
                    2.5
                           2.2
                                 2.2
                                        2.2
                                               2.4
                                                     2.7
                                                            3.0
                                                                  3.0
                                                                                3.2
                                                                                      3.4
## [70993]
              3.3
                                                                  3.0
                                                                         3.5
                                                                                4.0
                                                                                      4.6
                    3.1
                           2.7
                                 2.3
                                        1.8
                                               1.2
                                                     1.2
                                                            2.1
## [71005]
              5.8
                    5.8
                           5.4
                                 4.5
                                        2.9
                                               2.2
                                                     1.4
                                                            0.5
                                                                  0.0
                                                                        -0.5
                                                                               -0.6
                                                                                     -0.5
## [71017]
             -0.2
                    0.1
                           0.1
                                 0.2
                                        0.3
                                               0.4
                                                     1.5
                                                            3.5
                                                                  4.8
                                                                         5.7
                                                                                6.3
                                                                                      6.8
              7.2
                    7.0
                                                                                0.6
## [71029]
                           6.5
                                 5.2
                                        2.6
                                               2.1
                                                     1.9
                                                            1.5
                                                                   1.0
                                                                         0.8
                                                                                      0.5
## [71041]
              0.7
                    0.6
                                                                                6.9
                           0.3
                                 0.5
                                       -0.4
                                              -1.3
                                                    -1.0
                                                            2.9
                                                                   5.2
                                                                         6.2
                                                                                      7.2
              8.2
                    8.2
                           7.9
                                                                   2.8
                                                                         2.8
## [71053]
                                  6.6
                                        3.5
                                               3.2
                                                     3.2
                                                            3.0
                                                                                3.0
                                                                                      3.4
              3.7
## [71065]
                    3.6
                           3.7
                                 4.0
                                        3.5
                                               3.1
                                                     4.4
                                                            7.3
                                                                  9.3
                                                                        10.8
                                                                              11.4
                                                                                     11.4
## [71077]
                   12.3
                                               7.3
                                                     6.4
                                                            5.5
                                                                  5.0
                                                                         4.9
                                                                                5.0
                                                                                      5.5
             12.3
                          11.7
                                10.6
                                        8.3
## [71089]
              5.8
                    6.0
                           6.3
                                 6.5
                                        6.9
                                               7.3
                                                     8.3
                                                           10.3
                                                                 11.4
                                                                        12.5
                                                                              13.2
                                                                                     12.9
## [71101]
             13.9
                   13.5
                          13.8
                                13.3
                                       12.3
                                              12.2
                                                    12.2
                                                           12.1
                                                                 12.3
                                                                        12.3
                                                                              12.7
                                                                                     13.0
             13.2
                   13.3
                          13.2
                                11.7
                                       11.1
                                              10.7
                                                    11.0
                                                           12.5
                                                                 13.1
                                                                        13.5
                                                                              13.8
## [71113]
                                                                                     14.0
                                       11.6
## [71125]
             14.0
                   14.7
                          14.2
                                13.5
                                             10.5
                                                     9.9
                                                           10.3
                                                                  9.6
                                                                         9.9
                                                                              10.3
                                                                                     10.5
## [71137]
             10.6
                   11.0
                         11.2
                                11.4
                                       11.5
                                             12.3 13.1
                                                          14.0
                                                                 14.7
                                                                        15.2
                                                                              15.3
                                                                                     15.0
## [71149]
             16.6
                   16.4 15.8 14.7
                                      14.1
                                             14.4 13.9 14.1 13.9 13.8 13.2 13.0
```

```
13.1 13.4 13.4 13.3 13.2 13.2 13.7 14.8 16.0 16.9 17.1
## [71173]
            17.6
                 17.4 16.5
                             15.6
                                    14.2
                                         14.2 14.3
                                                     14.2 14.2 14.1 14.6
            14.4
                                    14.2
                                         14.1
                                                                 17.6
## [71185]
                 14.1
                       13.8
                             13.8
                                               14.6
                                                     15.8
                                                            17.2
                                                                        18.5
                                          14.8
## [71197]
                              17.2
                                                14.6 14.5
                                                            14.4
                                                                  14.3
            18.3
                 18.4
                        18.0
                                    15.7
                                                                        14.3
                                                                              14.2
## [71209]
            14.2
                 14.2
                       13.8
                              14.0
                                    13.8
                                          13.6
                                                15.1
                                                      16.6
                                                            17.8
                                                                  18.9
                                                                        19.7
                                                                              20.3
## [71221]
           20.6
                 20.7
                        20.3
                             18.8
                                    16.9
                                         16.2 15.9
                                                      15.7
                                                            15.3 14.9 14.3
                                                                             13.6
                       13.7
                              13.6
                                    13.6
                                         13.6
                                               14.6 17.5 19.7
                                                                  21.1
                                                                        22.0
## [71233]
           13.3
                 13.6
## [71245]
           22.4
                 22.6
                       22.4
                              20.9
                                    18.5
                                                16.9
                                                      16.4
                                                            16.1
                                                                  15.8 15.8
                                         17.6
                                                                             15.8
## [71257]
            16.3
                 16.3
                       16.5
                              16.0
                                    15.7
                                          15.5
                                                16.2
                                                      18.0
                                                            20.5
                                                                  21.6
                                                                        22.2
                              20.7
                                                15.0
                                                      14.8
## [71269]
            23.9
                 24.1
                        23.1
                                    16.9
                                          15.1
                                                            14.1
                                                                  13.5
                                                                       12.8
                                                                              12.2
## [71281]
            11.5
                 11.0
                        10.6
                              10.3
                                    10.0
                                           9.6
                                                 9.8
                                                      10.8
                                                            11.7
                                                                  12.4
                                                                        13.2
                                                                              13.8
## [71293]
            13.9
                 13.6
                        13.1
                              11.4
                                    10.3
                                           9.6
                                                 9.1
                                                       8.6
                                                             8.3
                                                                   8.0
                                                                         8.0
                                                                               8.0
## [71305]
            7.8
                  7.7
                         7.8
                              7.8
                                     7.8
                                           7.8
                                                 8.2
                                                       8.5
                                                             8.6
                                                                   9.0
                                                                         9.4
                                                                              10.3
## [71317]
            11.9
                  12.5
                        12.8
                              12.4
                                    10.8
                                                 8.5
                                                       7.7
                                                                         6.2
                                           9.7
                                                             6.9
                                                                   6.5
                                                                               6.4
## [71329]
             6.0
                  5.6
                         5.4
                               6.2
                                     6.3
                                           6.2
                                                 6.9
                                                       8.2
                                                             9.6
                                                                  10.8
                                                                        11.5
                                                                              11.5
## [71341]
            11.7
                  11.2
                        10.7
                               9.6
                                     8.7
                                           8.1
                                                 7.3
                                                       6.8
                                                             6.8
                                                                   6.7
                                                                         6.2
                                                                               5.3
## [71353]
            5.0
                  5.1
                         5.2
                               5.2
                                     5.5
                                           6.0
                                                 6.2
                                                       7.6
                                                             8.8
                                                                        10.6
                                                                              11.4
                                                                   9.7
## [71365]
            11.8
                 12.0
                        11.9
                              11.2
                                     9.4
                                           8.4
                                                 7.9
                                                       7.7
                                                             7.0
                                                                   6.6
                                                                         6.5
                                                                               6.3
                                           5.6
## [71377]
                  6.1
                         6.2
                               6.0
                                                 8.0
                                                      10.8
                                                            13.1
                                                                  14.7
                                                                        15.9
                                                                              16.6
            6.1
                                     5.5
## [71389]
            15.9
                 16.3
                       16.0
                             14.6
                                    12.1
                                          11.3
                                                10.9
                                                      10.5
                                                             9.8
                                                                   9.4
                                                                         9.3
                                                                               9.4
                                                                        18.8 19.5
## [71401]
            9.5
                  9.9
                       10.1
                               9.8
                                     9.7
                                           9.7
                                                10.8
                                                      13.5
                                                            15.7
                                                                  17.7
## [71413]
            18.5
                 18.2
                       17.4
                             16.0
                                    13.3
                                         12.5
                                                11.9
                                                      11.2
                                                            10.6
                                                                  10.6
                                                                        10.3
## [71425]
            12.3
                 13.2
                       12.6
                             12.0
                                    11.8
                                         12.3
                                                13.3
                                                      14.3
                                                            14.6
                                                                  15.3 17.1
                                                                             17.8
            16.1
                 15.6
                       15.3
                             15.0
                                    14.0
                                         13.8
                                                13.9
                                                      13.9
                                                            13.4
                                                                  13.3 13.1
## [71437]
                 11.0 10.5
                                     9.2
                                           8.9
                                                      10.3 10.7 11.6 12.5
                                                                              13.3
## [71449]
            12.5
                               9.8
                                                 9.2
                             10.9
## [71461]
            10.2
                 10.8
                       11.2
                                     9.8
                                           9.5
                                                 9.3
                                                       8.7
                                                             8.6
                                                                   8.5
                                                                         8.6
                                                                               8.5
## [71473]
            8.5
                  8.7
                         8.8
                               8.8
                                     8.9
                                           8.9
                                                 9.8
                                                      11.3
                                                            12.7
                                                                  13.6 13.8
                                                                              14.1
## [71485]
            14.7
                                    13.2
                                          12.9
                                                12.8
                                                      12.8
                                                            12.6
                 14.6
                       15.1
                              13.9
                                                                  12.1
                                                                        10.7
                                                                               9.8
## [71497]
            9.4
                  9.2
                         9.7
                              10.2
                                    10.3
                                         10.1
                                                11.2
                                                      12.5
                                                            14.0
                                                                  14.5
                                                                        14.5
                                                                              14.4
## [71509]
            16.7
                  16.5
                        16.3
                              16.0
                                    14.3
                                          13.2
                                                11.7
                                                      10.4
                                                            10.0
                                                                   9.1
                                                                         8.2
                                                                               8.9
## [71521]
            8.8
                  8.6
                         8.5
                               8.2
                                     8.0
                                           7.8
                                                 9.4
                                                      11.2
                                                            12.9
                                                                  13.9
                                                                        14.6
                                                                              15.1
## [71533]
            14.5
                  14.3
                        13.7
                              12.4
                                    10.3
                                           9.6
                                                 9.3
                                                       8.8
                                                             8.5
                                                                   8.6
                                                                         8.5
                                                                               8.3
                                                      11.9
## [71545]
            8.0
                  7.7
                         7.5
                              7.5
                                     7.3
                                           7.2
                                                 9.5
                                                            13.7
                                                                  15.5
                                                                        16.7
                                                                              18.1
                       19.1
## [71557]
            19.1
                 19.5
                              17.0
                                    13.9
                                          12.4
                                                11.8
                                                      11.6 11.8
                                                                  14.0
                                                                        14.4
                                                                              14.5
## [71569]
            14.6
                 13.8
                       13.0
                              12.4
                                    12.5
                                          12.3
                                                15.1
                                                      16.4
                                                            18.2
                                                                  19.2
                                                                        19.9
                                                                              20.3
## [71581]
            19.5
                 19.0
                       18.5
                             17.3
                                    15.1
                                         14.0
                                               13.9
                                                     13.6 13.3 13.8 13.7
                                                                              13.6
## [71593]
            13.4
                 12.9
                       12.6
                             12.4
                                    11.8
                                         11.7
                                               12.3 12.6 12.5 13.7 14.6
## [71605]
            18.0
                 17.9
                       17.1
                              15.8
                                    12.9
                                          11.6 11.3 11.3 11.6 11.5 11.4
                                                                             11.3
## [71617]
            11.1
                  10.8
                       10.2
                              9.8
                                     9.3
                                           9.0
                                                9.1
                                                      10.0 11.7 12.3 13.8
                                                                              14.0
## [71629]
            16.8
                 16.7
                        16.0
                             14.9
                                    13.0
                                         11.8 11.4 11.7 11.5 11.5 11.4
                                                                              11.2
## [71641]
                 10.9
                        10.7
                              10.0
                                     9.7
                                           9.4
                                               11.1 12.3 11.8 12.5
                                                                        12.7
            11.7
## [71653]
            14.6
                 14.4
                       13.9
                              12.7
                                    11.1
                                          11.0
                                                 9.5
                                                       9.0
                                                             9.1
                                                                   9.2
                                                                         9.1
                                                                               8.5
## [71665]
                              7.8
                                     6.2
                                                 8.5
                                                      10.4
            8.6
                  8.9
                         8.8
                                           6.0
                                                            12.0
                                                                  13.5
                                                                        14.2
                                                                             14.5
            15.2
                 15.2
                        14.6
                              13.5
                                                 8.4
                                                       7.8
## [71677]
                                    10.9
                                           9.2
                                                             7.2
                                                                   6.8
                                                                         6.7
                                                                               6.5
                                           7.2
                                                     12.6
                                                            13.7
## [71689]
             6.1
                  5.7
                         6.0
                               6.0
                                     6.2
                                                10.4
                                                                  14.5
                                                                        15.6
                                                                             16.1
                                          12.7
## [71701]
            16.8
                 16.9
                       17.1
                              16.3
                                    14.4
                                                11.8
                                                      11.2
                                                            10.6
                                                                  10.7
                                                                        11.2
                                                                              11.1
                                                      14.3
## [71713]
            10.7
                 10.4
                       10.3
                              10.1
                                     9.6
                                           9.9
                                                12.5
                                                            15.7
                                                                  16.7
                                                                        17.4
                                                                              18.0
## [71725]
                 18.0
                              16.2
                                         12.9
                                               12.4 12.2 11.9
                                                                        10.9
                                                                              10.6
            18.3
                        17.5
                                    14.3
                                                                  11.4
            10.0
## [71737]
                  9.7
                         9.6
                              9.4
                                     9.2
                                           9.6 12.3 14.5 16.1 17.2 18.1 18.7
## [71749]
            18.6
                 18.5
                       18.3
                              17.8
                                    16.8
                                          15.3 13.9
                                                      13.0 12.1
                                                                  11.3
                                                                        11.1
                                                                              10.8
## [71761]
            10.3
                 10.4
                        10.4
                              10.3
                                    10.6
                                         10.6 13.5 15.3 15.4 18.5 17.1
                                                                             18.9
## [71773]
            18.1
                 16.8
                       15.1
                              15.0
                                    14.9
                                         13.6 13.1 12.9 12.4 11.3 10.8 10.5
## [71785]
            9.8
                  9.5
                         9.7
                             10.2 10.8
                                         10.8 11.5 12.7 13.9 13.8 13.7
                                                                             15.4
## [71797]
            13.3 14.1 13.8 13.2 12.0 11.4 10.6 10.3 10.0
                                                                   9.7
                                                                         9.6
                                                                               9.3
```

```
## [71809]
              9.1
                    9.0
                           8.8
                                 8.4
                                        8.0
                                              8.5 10.9 12.8 14.1 14.9
                                                                              15.7
                                                                                     15.9
## [71821]
             16.5
                   16.3
                                14.7
                                             11.7
                                                    11.0
                                                          10.5
                                                                 10.3
                                                                         9.9
                                                                               9.4
                                                                                      9.0
                          15.7
                                       13.1
                                                                                     13.6
## [71833]
             8.5
                    8.6
                           8.5
                                 8.3
                                        7.8
                                              8.1
                                                    11.4
                                                          13.6
                                                                 14.6
                                                                        14.1
                                                                              13.1
## [71845]
                   13.6
                                                    10.9
                                                           10.2
                                                                         8.6
             11.8
                          13.3
                                13.9
                                       12.5
                                             11.3
                                                                  9.5
                                                                               8.7
                                                                                      8.3
## [71857]
             8.0
                    8.3
                           8.2
                                 8.3
                                        8.1
                                              8.2
                                                     8.9
                                                            8.9
                                                                  9.7
                                                                        11.8
                                                                              12.2
                                                                                     12.4
## [71869]
             11.3
                   10.8
                                10.7
                                        9.9
                                              9.4
                                                     8.9
                                                            8.6
                                                                  8.6
                                                                         8.6
                                                                               8.4
                                                                                      8.7
                          11.7
                                                                               8.0
## [71881]
              8.6
                    8.5
                           8.5
                                 8.4
                                        8.4
                                              8.1
                                                     8.0
                                                            8.2
                                                                  7.7
                                                                         7.8
                                                                                      8.0
                    7.7
                           7.7
## [71893]
              7.5
                                 7.3
                                        6.3
                                              5.3
                                                     4.5
                                                            4.1
                                                                  3.7
                                                                         3.6
                                                                               3.4
                                                                                      3.3
## [71905]
              3.3
                    3.4
                           3.5
                                  3.5
                                        3.3
                                               3.8
                                                     4.9
                                                            5.7
                                                                  6.9
                                                                         7.8
                                                                               7.9
                                                                                      8.1
              8.9
## [71917]
                    8.8
                           8.6
                                 8.1
                                        7.1
                                               6.1
                                                     5.8
                                                            5.5
                                                                  5.1
                                                                         4.7
                                                                               4.5
                                                                                      4.9
## [71929]
              4.6
                    4.0
                           3.6
                                  3.2
                                        3.0
                                               3.5
                                                     4.9
                                                            6.1
                                                                  7.0
                                                                         7.8
                                                                               7.7
                                                                                      7.9
## [71941]
              9.8
                    9.0
                           9.0
                                        7.0
                                               5.8
                                                            5.2
                                                                  5.5
                                                                         5.4
                                                                               5.2
                                                                                      4.0
                                 8.4
                                                     5.6
## [71953]
              3.6
                    4.4
                           2.9
                                 1.8
                                        1.3
                                               2.1
                                                     4.7
                                                            6.1
                                                                  7.1
                                                                         7.9
                                                                               8.4
                                                                                      8.8
## [71965]
              9.2
                    9.2
                                                                               2.8
                           8.8
                                 8.0
                                        6.7
                                               4.4
                                                     4.2
                                                            4.1
                                                                  3.4
                                                                         2.7
                                                                                      3.1
## [71977]
              3.0
                    3.0
                           3.0
                                 3.0
                                        2.9
                                               3.8
                                                     6.5
                                                            8.3
                                                                  9.9
                                                                        11.3
                                                                              12.3
                                                                                     12.9
## [71989]
             12.8
                   12.7
                          12.0
                                11.0
                                        9.7
                                              7.5
                                                     6.7
                                                            6.2
                                                                  6.2
                                                                         6.1
                                                                               5.8
                                                                                      5.6
  [72001]
              6.7
                                                    10.0
                                                                 12.5
                                                                        14.5
                                                                              15.3
                                                                                     15.9
##
                    6.6
                           6.7
                                  6.7
                                        6.7
                                              7.9
                                                           11.1
## [72013]
             13.9
                   14.7
                          15.0
                                14.9
                                       11.6
                                              8.6
                                                     8.6
                                                            8.8
                                                                  8.3
                                                                         8.6
                                                                               8.4
                                                                                      8.6
## [72025]
                           7.9
                                 7.3
                                        7.2
                                              7.5
                                                            7.9
                                                                  8.2
                                                                              10.0
                                                                                     10.6
             8.4
                    8.3
                                                     8.4
                                                                         9.1
## [72037]
             13.0
                   13.3
                          13.3
                                13.1
                                       11.8
                                              9.7
                                                     8.7
                                                            8.1
                                                                  7.7
                                                                         7.6
                                                                               7.0
                                                                                      6.9
## [72049]
              6.5
                    6.5
                           6.4
                                 6.0
                                        5.5
                                              6.6
                                                    10.4
                                                          13.2
                                                                 14.7
                                                                        15.7
                                                                              16.3
                                                                                     16.6
## [72061]
             17.4
                   17.0
                          16.5
                                15.4
                                       13.7
                                             12.8
                                                    12.7
                                                           12.2
                                                                 11.3
                                                                        11.0
                                                                              11.5
## [72073]
             11.6
                   11.6
                          11.6
                                11.4
                                       11.3
                                             12.3
                                                    14.3
                                                          15.9
                                                                 14.8
                                                                        17.3
                                                                              18.2
                                                                                     18.7
## [72085]
             19.7
                   20.1
                         19.4
                                18.2
                                       16.7
                                             15.3
                                                    14.7
                                                          14.2
                                                                 13.7
                                                                        13.5
                                                                              13.7
                                                                                     13.6
                                                    14.4
                                                          16.9
                                                                 19.0
                                                                        20.6
## [72097]
             13.3
                   12.9
                          13.1
                                12.1
                                       12.4
                                             14.0
                                                                             19.8
                                                                                     20.3
## [72109]
             20.5
                   21.2
                          19.1
                                16.9
                                       16.2
                                             14.9
                                                    14.5
                                                          14.5
                                                                 14.3
                                                                        14.1
                                                                              13.9
                                                                                     13.8
## [72121]
             13.7
                   13.6
                          13.5
                                13.8
                                       13.4
                                             13.8
                                                    14.3
                                                          14.5
                                                                 14.4
                                                                        14.6
                                                                              17.2
                                                                                     18.0
                                15.2
                                             13.7
## [72133]
             14.4
                   14.2
                          14.9
                                       14.4
                                                    13.4
                                                          13.1
                                                                 11.4
                                                                         8.7
                                                                               8.9
                                                                                      8.7
## [72145]
              8.5
                    8.3
                           8.3
                                 8.4
                                        8.3
                                              9.2
                                                     9.8
                                                          10.5
                                                                 10.8
                                                                        10.8
                                                                              12.6
                                                                                     12.2
## [72157]
              8.2
                    8.1
                           8.1
                                 7.8
                                        7.4
                                              7.4
                                                     6.5
                                                            5.6
                                                                  6.5
                                                                         6.5
                                                                               6.1
                                                                                      6.1
## [72169]
              4.5
                    4.5
                           4.8
                                 3.4
                                        3.0
                                              5.5
                                                     7.0
                                                            8.2
                                                                  9.4
                                                                        10.1
                                                                              10.8
                                                                                     11.3
##
  [72181]
             10.6
                   10.8
                          10.5
                                 9.9
                                        8.9
                                              7.0
                                                     7.0
                                                            6.5
                                                                  6.3
                                                                         5.3
                                                                               4.5
                                                                                      4.8
## [72193]
              4.7
                    4.2
                           4.3
                                  4.4
                                        4.3
                                               6.2
                                                     7.9
                                                            9.2
                                                                 10.1
                                                                        11.0
                                                                              11.1
                                                                                     11.1
## [72205]
                   10.2
                           9.8
                                                            4.6
                                                                  4.4
                                                                         4.5
                                                                                      4.1
             10.4
                                 9.2
                                        8.2
                                               6.5
                                                     5.0
                                                                               4.3
## [72217]
             3.8
                    3.5
                           3.5
                                 3.6
                                        3.6
                                              5.4
                                                     7.6
                                                            9.3
                                                                 10.8
                                                                        11.9
                                                                              12.6
                                                                                     13.1
                          12.8
                                              8.1
## [72229]
             13.2
                   13.2
                                11.6
                                       10.0
                                                     7.6
                                                           7.2
                                                                         6.0
                                                                               5.6
                                                                  6.6
                                                                                      5.1
## [72241]
             5.0
                    4.9
                           4.7
                                  4.5
                                        4.6
                                              6.5
                                                     9.7
                                                           12.1
                                                                 13.6
                                                                        14.7
                                                                              15.3
                                                                                     15.4
## [72253]
             14.8
                   14.5
                          14.5
                                14.7
                                       13.2
                                             10.3
                                                     9.7
                                                            9.7
                                                                  9.5
                                                                         9.2
                                                                               8.9
                                                                                      8.8
## [72265]
             8.6
                    8.3
                           8.2
                                 8.1
                                        7.9
                                              9.7
                                                    13.3
                                                          15.2
                                                                 16.6
                                                                        17.8
                                                                              18.6
                                                                                     18.8
## [72277]
             19.6
                   19.2
                          18.6
                                17.6
                                       16.0
                                             13.2
                                                    12.3
                                                          11.8
                                                                 11.7
                                                                        11.3
                                                                              11.2
                                                                                     11.1
                   10.6
                                                   15.1
                                                          17.5
                                                                 19.3
## [72289]
                          10.6
                                10.5
                                       10.4
                                             12.2
                                                                        20.4
             10.9
                                                                              20.9
## [72301]
             21.0
                   20.6
                         19.9
                                18.8
                                       17.1
                                             14.1
                                                    12.9
                                                          12.2
                                                                 11.9
                                                                        11.5
                                                                              11.5
                                                                                     11.8
                                       10.3
                                             12.2
## [72313]
             11.6
                   11.0
                          10.8
                                10.6
                                                    15.4
                                                          18.1
                                                                 19.6
                                                                        20.6
                                                                              21.2
                                                                                     21.0
## [72325]
             21.3
                   20.4
                         19.6
                                18.6
                                       16.9
                                             14.1
                                                    13.7
                                                          13.7
                                                                 13.4
                                                                        13.5
                                                                              13.6
                                                                                     13.2
                                                                 20.2
## [72337]
             12.8
                   12.5
                          12.3
                                11.6
                                       10.9
                                             14.0
                                                    17.1
                                                          18.9
                                                                        21.0
                                                                              21.5
                                                                                     22.0
## [72349]
             20.2
                   18.7
                          17.3
                                15.2
                                       12.8
                                             10.6
                                                     9.9
                                                            9.5
                                                                  9.0
                                                                         8.6
                                                                               8.3
                                                                                      8.2
## [72361]
              8.0
                    7.9
                           7.8
                                 7.7
                                        7.6
                                              9.1
                                                    10.6
                                                          11.9
                                                                 12.9
                                                                        13.7
                                                                              14.5
                                                                                     14.9
## [72373]
                                                            9.2
                                                                  8.5
                                                                         8.0
                                                                               7.5
                                                                                      7.0
             15.1
                   15.2
                          14.9
                                14.0
                                       12.6
                                             10.8
                                                     9.9
## [72385]
              6.6
                    6.3
                           6.1
                                 5.8
                                        5.7
                                              8.0
                                                    10.3
                                                          12.1
                                                                 13.6
                                                                        14.8
                                                                              15.8
                                                                                     16.6
## [72397]
             19.2
                   19.3
                          19.0
                                18.1
                                       16.1
                                             12.4
                                                    11.2
                                                          10.3
                                                                  9.5
                                                                         9.0
                                                                               8.5
                                                                                      8.1
## [72409]
             7.9
                    7.8
                           7.8
                                 7.6
                                        7.5
                                             10.5
                                                    13.6
                                                          15.6
                                                                 17.2
                                                                        18.4
                                                                                     19.9
                                                                              19.3
## [72421]
             21.5
                   21.4
                          20.9
                                19.8
                                       17.4
                                             13.5
                                                    12.5
                                                          11.7
                                                                 11.2
                                                                        10.7
                                                                              10.3
                                                                                      9.9
## [72433]
              9.7
                    9.7
                           9.6
                                 9.5
                                        9.5
                                             12.7
                                                    15.7
                                                          18.0
                                                                 19.7
                                                                        21.0
                                                                              22.1
                                                                                    22.7
                                       20.7
## [72445]
             24.6
                   24.5
                          24.0 23.0
                                             18.0
                                                   16.9 16.1 15.4 15.0 14.8
                                                                                    14.3
```

```
## [72457]
           13.9 13.6 13.3 13.3 12.7 14.7 18.5 21.1 22.9 24.1
## [72469]
           26.7
                 26.3
                       25.5
                             24.1
                                   21.6
                                        18.0
                                              17.2 17.0 16.5 16.2 15.6
                                                                            16.1
                                                    19.2
## [72481]
           15.4
                 15.3
                       16.0
                             16.7
                                   16.9
                                        17.5 20.3
                                                          19.1
                                                                23.8
                                                                      23.7
## [72493]
                             22.4
                                        18.4
           26.4
                 24.5
                       23.7
                                   20.7
                                              17.3
                                                    16.5
                                                          15.7
                                                                15.2 15.0
                                                                            15.1
## [72505]
           14.8
                 14.3
                       14.3
                             14.9
                                   14.9
                                        16.0
                                              17.3
                                                    18.7
                                                          19.7
                                                                20.5
                                                                      21.3
## [72517]
           21.9
                 21.3
                       20.5
                            19.2
                                  17.4
                                        15.2 14.3 13.7
                                                          13.1
                                                               12.6 12.2 11.9
                       12.3
                            12.0
                                  11.9
                                        14.5
                                              16.7
                                                    18.3 19.5
                                                                20.1
## [72529]
           12.0
                 12.3
                                                                      20.4
## [72541]
                 21.0
                       20.3
                            19.2 17.5
                                        15.4
                                                    13.2 13.4 13.1 13.7
           21.4
                                              15.7
                                                                            13.4
                                                    14.9
## [72553]
           12.9
                 12.4
                      11.9
                             12.4
                                   12.4
                                        13.3
                                              14.2
                                                          15.1
                                                                15.4
                                                                     15.6
                                                                            17.2
                                   15.7
                                        13.0 12.8 12.7 12.6
## [72565]
           17.1
                 17.3
                      17.3
                            17.0
                                                               12.5 12.7
                                                                            12.3
## [72577]
           12.2
                 11.7
                       11.4
                             11.2
                                   11.5
                                        14.2 14.6 14.9
                                                          15.9
                                                                17.8
                                                                     19.7
## [72589]
           20.4
                 20.2
                      19.6
                             18.6
                                   17.1
                                        14.2
                                              13.4
                                                    13.1
                                                         12.8
                                                                12.2 11.9
                                                                            11.6
## [72601]
           11.4
                 11.2
                       11.1
                             10.9
                                   11.0
                                        13.8
                                              16.7
                                                    19.4
                                                          21.2
                                                                22.4
                                                                      22.9
                                                                            23.2
           23.3
                       22.5
                             21.1
                                                    13.3
                                                          12.9
                                                                12.8 12.8
## [72613]
                 23.1
                                   19.4
                                        15.6
                                             14.0
                                                                            12.6
## [72625]
           12.0
                 11.9
                       12.4
                             13.1
                                   14.1
                                        15.9
                                              19.4
                                                    22.4
                                                          24.1
                                                                25.3
                                                                      25.9
                                                                            25.9
## [72637]
           25.8
                 25.1
                       24.9
                             24.4
                                   22.4
                                        19.6
                                              18.3
                                                    18.1
                                                          18.0
                                                                17.5
                                                                      17.3
                                                                            16.7
## [72649]
           15.9
                 14.9
                       14.5
                             15.1
                                   15.0
                                        15.4 17.3
                                                    19.6
                                                          20.7
                                                                21.5
                                                                      22.3
                                                                            22.9
## [72661]
           23.9
                 23.8
                       23.5
                             22.7
                                   20.9
                                        17.2 15.7
                                                    15.5
                                                          15.2
                                                                14.9
                                                                      14.7
## [72673]
                 14.1
                       13.8
                             13.4
                                   13.5
                                        16.0
                                              19.2
                                                    21.3
                                                          22.8
                                                                24.0
                                                                      24.9
           14.3
                                                                            25.3
## [72685]
           25.7
                 25.1
                       24.1
                             22.8
                                   20.6
                                        17.1
                                              15.7
                                                    14.9
                                                          14.4
                                                                14.1
                                                                     13.9
                                                                            13.9
## [72697]
           13.8
                 13.7
                       13.6
                             13.8
                                   14.3
                                        16.8 19.9
                                                    22.1
                                                          23.9
                                                                25.1
                                                                      25.6
                                                                            25.5
## [72709]
           24.9
                 24.7
                       24.0
                             22.9
                                   21.0
                                        17.6
                                              16.6
                                                    15.9
                                                          15.4
                                                                15.2 15.3
           15.0
## [72721]
                 15.0
                       14.9
                             15.2
                                  15.6
                                        17.6
                                              20.8
                                                    23.6
                                                          25.6
                                                                27.1
                                                                      28.0
                                                                            28.6
## [72733]
           27.8
                 27.5
                       26.8
                             25.8
                                   24.0
                                        20.6
                                              19.1
                                                    18.5
                                                          18.2
                                                                18.1
                                                                      18.2
                                                                            18.1
                                                                27.1
                                        18.9 21.6
                                                    23.6 25.9
                                                                      28.2
                                                                            28.2
## [72745]
           17.7
                 17.3
                       16.8
                            16.3
                                  16.4
## [72757]
           27.7
                 27.0
                       26.2
                             25.0
                                   23.3
                                        20.3 19.5 18.6
                                                          17.8
                                                                17.6 17.3
                                                                            17.0
## [72769]
           17.0
                 16.8
                       16.5
                             16.1
                                   16.2
                                        18.3
                                              20.4
                                                    22.0
                                                          22.1
                                                                22.7
                                                                      22.8
                                                                            23.0
## [72781]
                             22.7
                                   20.8
           24.1
                 23.9
                       23.6
                                        18.1
                                              16.7
                                                    16.2
                                                          14.8
                                                                14.2
                                                                      13.9
                                                                            13.5
## [72793]
           12.9
                 11.2
                       10.0
                              9.1
                                    9.4
                                        11.7
                                              13.0
                                                    14.1
                                                          15.1
                                                                15.9
                                                                      16.8
                                                                           17.3
## [72805]
           17.3
                 17.4
                       17.2
                             16.6
                                   15.5
                                        11.9
                                              10.5
                                                     9.4
                                                           9.1
                                                                 8.8
                                                                       8.1
                                                                            7.8
## [72817]
            7.7
                  7.9
                        8.0
                              8.0
                                    8.1
                                        12.0
                                              14.6
                                                    16.1
                                                          17.2
                                                                18.1
                                                                      18.9
                                                                            19.5
## [72829]
           19.6
                 19.6
                       19.7
                             19.4
                                   18.4
                                        16.0 14.2
                                                    13.6
                                                          13.0
                                                                12.5
                                                                      12.5
                                                                            12.4
                                                    18.9
## [72841]
           12.2
                 12.2
                       12.1
                             11.8
                                   12.4
                                        14.6
                                             17.7
                                                          20.5
                                                                20.8
                                                                      20.6
                                                                            21.0
## [72853]
                 21.6
                       20.8
                             19.9
                                   18.4
                                        15.9
                                              14.8
                                                    14.3 13.4
                                                                13.3
           21.9
                                                                     13.3 13.1
## [72865]
           12.7
                 12.4
                       13.4
                             13.8
                                   14.3
                                        15.6
                                              17.4
                                                    18.9
                                                          19.3
                                                                19.3
                                                                      20.4
                                                                            20.5
## [72877]
           20.5
                 20.1
                      19.9
                            19.2
                                   18.3
                                        16.5
                                             17.0 16.4 14.9
                                                                14.0 14.1 14.2
## [72889]
           13.8
                 13.4
                      13.4
                            13.2
                                   14.2
                                        16.5
                                             17.8 19.0 19.9
                                                                20.3
                                                                      20.4 20.3
## [72901]
           20.0
                 19.7
                       19.4
                             18.7
                                   17.7
                                        15.9 15.5 15.1 16.1
                                                                15.8 15.5
                                                                           15.2
## [72913]
           15.0
                 14.5
                      13.7
                             13.3
                                   13.0
                                        13.2
                                              13.3
                                                    14.3
                                                          12.6
                                                                 9.7
                                                                      11.5
                                                                            12.2
                                        10.2 10.0 10.0
## [72925]
           10.9
                 11.6
                       13.0
                             12.6
                                  12.0
                                                           9.6
                                                                 9.6
                                                                       9.7
                                                                             8.9
## [72937]
                  8.9
                        8.2
                              8.0
                                   8.7
                                        12.0 14.1 15.5 16.7
                                                                17.8 18.7
            9.2
## [72949]
           18.7
                 18.6
                       18.0
                             17.2
                                  16.0
                                        12.9 11.9 11.5 11.1
                                                                10.6 10.3 10.2
                              9.9
                                   10.9
                                        13.5
## [72961]
           10.1
                  9.9
                        9.9
                                              16.1
                                                    18.0
                                                          19.5
                                                                20.7
                                                                      21.5
                                                                            21.9
## [72973]
           21.9
                             20.5
                                   19.4
                                        17.0 14.9
                                                                     12.0 11.7
                 21.8
                       21.3
                                                    13.6 11.9
                                                                11.7
                                              17.9 19.5 19.2
                                                                20.0 20.2 21.2
## [72985]
           11.3
                 11.6
                       11.4
                             11.7
                                   12.3
                                        15.7
                                        16.3
                                                    12.8 12.1
## [72997]
           19.9
                 19.7
                       20.3
                             18.6
                                  17.5
                                              14.9
                                                                11.8 11.5
                                                                           11.9
## [73009]
           10.6
                 10.5
                       10.3
                              9.9
                                   11.4
                                        13.3
                                              14.7
                                                    15.9 16.9
                                                                18.0 18.8
                                                                            19.3
## [73021]
                 20.0
                       19.6
                                              13.0
                                                    12.1 11.5
                                                                            10.0
           20.1
                             18.7
                                   17.3
                                        14.7
                                                                11.0 10.5
## [73033]
            9.5
                  8.9
                        8.5
                              8.7
                                   9.2
                                        10.1
                                              11.0 12.2 13.6 14.7
                                                                     16.1 16.8
## [73045]
           18.2
                 18.2
                       17.8
                             16.9
                                   15.5
                                        13.4
                                              12.0
                                                    11.4 11.3
                                                               11.3
                                                                     11.1
                                                                            10.9
## [73057]
           10.9
                 11.2
                       11.2
                             10.9
                                   11.6
                                        13.0 14.3 15.5 16.5 17.8 19.1
                                                                            20.1
## [73069]
           20.3
                 20.6
                       20.4
                            19.2
                                  17.9
                                        16.2 15.4 15.1 14.7 14.4 15.2 15.0
## [73081]
           14.8 14.7 14.8 13.4
                                  14.1 15.4 16.5 17.4 17.8 18.1 16.8 16.7
           18.8 16.3 16.4 15.7 15.1 14.1 12.1 11.7 11.6 13.2 11.5 11.5
## [73093]
```

```
12.1 12.0 12.0 11.8 12.3 12.7 13.0 13.4 13.7 13.5 14.0
## [73117]
           15.1
                 14.9 14.7
                            14.5
                                   14.3
                                        13.7
                                              13.2 12.8 12.1 12.3 11.8
                                                                            11.7
                 10.8
                             10.5
                                   11.3
                                        12.9 14.5 15.7
## [73129]
           11.1
                       10.7
                                                          15.5
                                                                15.4 16.0
## [73141]
                                   14.5
                                        14.1
                                              13.4 12.0 11.6
           15.3
                 14.5
                       15.1
                             15.2
                                                                11.1
                                                                      10.2
                                                                             9.9
## [73153]
            9.9
                 10.6
                        9.9
                             10.8
                                   11.6
                                         12.7
                                               13.7
                                                    15.1
                                                          15.8
                                                                15.5
                                                                      15.8
                                                                            16.1
## [73165]
           16.2
                 16.2
                       16.1
                             16.0
                                   15.2 13.3 11.8 11.7
                                                          11.9 11.3 10.8
                                                                           10.8
                        9.4
                              9.4
                                   10.6
                                        13.8 16.3 18.0 19.0
                                                                20.0
                                                                      20.7
## [73177]
           10.6
                  9.9
           20.7
                 20.6
                       20.2
                             19.2
                                  17.7
                                        14.6 12.5 12.1 12.2 11.3 10.4
## [73189]
                                                                             9.9
                                                          20.6
## [73201]
            9.7
                  9.5
                        9.3
                              9.3
                                   11.5
                                        15.0
                                              17.4
                                                    19.3
                                                                21.5
                                                                      22.2
                                                                            22.5
                 23.0
                                         18.6 16.2 14.0 13.2
## [73213]
           23.2
                       22.6
                             22.0
                                   21.0
                                                                12.9
                                                                     12.3
                                                                            11.6
## [73225]
           11.2
                 10.9
                       10.8
                             10.7
                                   12.7
                                         15.0
                                              17.1
                                                    18.6
                                                          20.1
                                                                21.1
                                                                      22.1
## [73237]
           22.8
                 22.5
                       22.1
                             21.6
                                   20.6
                                         18.6
                                              16.8
                                                    15.8
                                                          15.0
                                                                13.8 12.8
                                                                            12.0
## [73249]
           11.4
                 11.1
                       10.6
                             10.8
                                   11.6
                                         13.2 14.9
                                                    16.7
                                                          18.0
                                                                19.4
                                                                      20.6
                                                                            21.3
           21.9
                       21.7
                             21.0
                                   20.3
                                                    15.5
                                                                14.8
                                                                      13.7
## [73261]
                 22.0
                                         18.6
                                              16.2
                                                          14.8
                                                                            13.1
## [73273]
           12.6
                 12.5
                       13.0
                             13.1
                                   14.3
                                         15.8
                                              16.5
                                                    18.5
                                                          20.8
                                                                21.7
                                                                      22.2
                                                                            22.8
## [73285]
           23.7
                 23.8
                       23.8
                             23.3
                                   22.3
                                         20.6
                                              17.9
                                                    16.2
                                                          15.8
                                                                16.2
                                                                      16.7
                                                                            16.5
## [73297]
           16.1
                 16.0
                             15.2
                                   16.5
                                        19.4 21.6
                                                    23.6
                                                          24.5
                                                                24.7
                                                                      23.8
                       16.1
                                                                            24.8
## [73309]
           23.5
                 22.9
                       23.5
                             23.4
                                   22.3
                                        21.9 21.3
                                                    19.4
                                                          19.5
                                                                20.3
                                                                      19.2
                                                    22.9
## [73321]
           17.8
                 18.4
                       19.0
                             18.9
                                   19.2
                                        20.5 21.6
                                                          23.4
                                                                23.9
                                                                      24.4
                                                                            24.8
## [73333]
           24.6
                 24.4
                       23.8
                             23.1
                                   22.1
                                         20.3
                                              18.8
                                                    18.6
                                                          18.6
                                                                18.2 17.5
                                                                            16.6
## [73345]
           16.0
                 15.7
                       15.6
                             15.2
                                   16.6
                                        18.3 20.0
                                                    21.3
                                                          22.2
                                                                22.8
                                                                      23.8
                                                                            25.0
## [73357]
           24.9
                 24.7
                       24.2
                             23.7
                                   22.7
                                         20.2 17.7
                                                    16.8
                                                          17.4
                                                                17.2 17.0
           16.3
                                                          23.6
## [73369]
                 15.6
                       15.0
                             14.7
                                   16.8
                                        18.3
                                              20.0
                                                    22.2
                                                                24.0
                                                                      24.1
                                                                            24.1
## [73381]
           24.8
                 24.1
                       23.3
                             22.0
                                   20.6
                                         18.4
                                              16.5
                                                    15.9
                                                          15.3
                                                                14.7
                                                                      14.1
                                                                            13.9
                                                                23.0
                             13.8
                                        18.1 20.3 21.6 22.4
                                                                      23.3
## [73393]
           13.7
                 14.0
                       13.9
                                   16.0
                                                                            23.4
                       22.9
                             22.0
## [73405]
           24.0
                 23.5
                                   20.9
                                         18.6 15.8 15.3 14.9
                                                                14.7
                                                                      14.7
## [73417]
           13.1
                 12.3
                       12.2
                             13.4
                                   13.7
                                         14.4
                                              15.4
                                                    16.0 15.4 16.0 18.3
                                                                            18.6
           19.0
                 19.2
                             18.9
                                         16.4
                                              13.8
                                                    13.0
## [73429]
                       19.2
                                   18.3
                                                          12.1
                                                                11.4
                                                                      11.0
                                                                            10.7
## [73441]
           11.3
                 11.4
                       11.5
                             11.7
                                   13.8
                                        13.8 14.1
                                                    16.0 17.2 18.8 19.5
                                                                            18.6
## [73453]
           19.3
                 19.9
                       20.7
                             19.6
                                   17.7
                                         15.5
                                              13.3
                                                    13.6
                                                          13.4
                                                                13.5
                                                                      13.4
                                                                            12.9
                       11.8
## [73465]
           12.2
                 11.9
                             11.7
                                   13.5
                                         16.3
                                               18.2
                                                    19.8
                                                          21.1
                                                                22.0
                                                                      22.8
                                                                            23.1
## [73477]
           23.0
                 22.6
                       22.1
                             21.2
                                   20.1
                                         17.9
                                              16.0
                                                    15.3
                                                          14.8
                                                                14.9
                                                                      14.7
                                                                            14.6
                                                          22.8
## [73489]
           13.8
                 13.3
                       13.3
                             13.3
                                   15.5
                                         18.1
                                              20.0
                                                    21.7
                                                                24.0
                                                                      25.0
                                                                            24.1
## [73501]
                 24.7
                       24.4
                             21.5
                                   19.9
                                         19.9
                                              18.7
                                                    17.5 16.0
                                                                16.1
           24.8
                                                                      16.1
                                                                           16.2
## [73513]
           15.7
                 15.6
                       15.5
                             15.2
                                   15.1
                                         14.6
                                              14.9
                                                    16.7
                                                          16.9
                                                                18.8
                                                                      20.1
                                                                            18.3
## [73525]
           17.4
                 18.2
                       17.7
                             15.3
                                   14.7
                                         14.6 13.7
                                                    13.5
                                                          13.6 13.0 13.2 12.6
## [73537]
           12.4
                 12.2
                       12.3
                             12.6
                                   13.3
                                        14.2 15.2 16.5
                                                          17.9
                                                                18.0 17.6
## [73549]
           20.7
                 21.4
                       20.9
                             20.1
                                   19.2
                                        17.9
                                              16.0
                                                    15.3 14.7
                                                                13.9 13.4
                                                                            12.9
## [73561]
           12.8
                 14.6
                       13.9
                             12.9
                                   15.0
                                         18.1
                                              20.0
                                                    21.6
                                                          22.5
                                                                23.3
                                                                      24.2
                                                                            24.6
                             22.5
           23.0
                 22.9
                       23.4
                                   21.4
                                        19.0 17.1 16.5 16.3
                                                                15.9 15.5
                                                                            15.5
## [73573]
## [73585]
                 14.5
                       13.8
                             13.4
                                   16.0
                                        18.9
                                              20.8
                                                    22.4
                                                          22.6
                                                                24.1
           15.3
                                                                      23.6
## [73597]
           25.5
                 24.9
                       23.8
                             22.7
                                   21.7
                                         20.3 18.7
                                                    18.1 16.7
                                                                16.4
                                                                      16.2
                                                                            15.2
                             13.1
                                   15.8
                                        17.4
                                              18.3
## [73609]
           14.8
                 15.0
                       14.4
                                                    19.0
                                                          19.5
                                                                19.7
                                                                      19.9
                                                                            20.3
                       20.6
                             20.1
                                   18.9
                                        17.6 16.2 15.7
                                                                      16.4
## [73621]
           21.3
                 21.2
                                                          15.3
                                                                15.3
                                                                           15.3
                                        19.3
                                   15.9
                                                    19.0
                                                          18.9
## [73633]
           15.6
                 15.4
                       15.3
                             15.2
                                              19.1
                                                                21.5
                                                                      20.9
## [73645]
           22.7
                 20.3
                       21.1
                             20.3
                                   20.2
                                         19.1
                                               16.7
                                                    16.1
                                                          15.8
                                                                15.5
                                                                      15.2
                                                                            15.4
## [73657]
           14.7
                 14.2
                       14.0
                             13.8
                                   15.8
                                         17.1
                                              16.6
                                                    19.8
                                                          20.5
                                                                21.9
                                                                      22.5
                                                                            21.9
## [73669]
                             20.7
                                   20.8
                                        20.3
                                              18.9
                                                    17.3
                                                          16.2
                                                                15.2 14.6
                                                                            13.9
           22.8
                 23.0
                       21.2
## [73681]
           13.9
                 13.8
                       13.7
                             13.1
                                   14.7
                                         16.9
                                              18.4 19.6
                                                          20.7
                                                                21.7
                                                                      22.4
                                                                            23.2
                                   22.7
## [73693]
           24.6
                 24.4
                       23.9
                             23.4
                                         21.3
                                              19.7
                                                    18.8
                                                          17.6
                                                                16.8
                                                                      16.5
                                                                            16.7
## [73705]
           16.6
                 16.5
                       16.3
                             16.4
                                   17.6
                                        20.2
                                              22.3
                                                    23.9
                                                          25.2
                                                                26.2
                                                                      26.9
                                                                            26.9
                                   24.4 22.2 19.2 18.4 18.0
## [73717]
           27.4 26.8
                       26.3
                             25.4
                                                                18.0 17.9
## [73729]
           17.4 17.2
                       17.1
                             17.3
                                  19.2
                                        22.0
                                              24.1
                                                    25.5 26.9 28.0 28.4
                                                                           28.4
           27.1 26.9 26.6 25.8 24.7 22.8 19.9 18.9 18.2 17.9 17.5
## [73741]
                                                                           17.4
```

```
## [73753]
            17.1 16.8 16.7 17.7 19.5 21.9 23.9
                                                      25.6 26.8 27.7
                                                                         28.1
## [73765]
           27.4
                  27.1
                        26.6
                              25.8
                                    24.5
                                          22.4 19.7
                                                      18.3
                                                            17.7
                                                                  17.2
                                                                        17.0
                                                                               16.7
## [73777]
                                          21.0
                                                      25.2
            16.2
                  16.0
                        16.0
                              16.1
                                    18.2
                                                23.4
                                                            27.0
                                                                  28.0
                                                                         29.1
## [73789]
                              28.7
                                          25.4
                                                23.8
                                                      22.5
                                                            21.7
           30.4
                  30.0
                        29.4
                                    27.5
                                                                   21.3
                                                                         20.9
                                                                               20.4
## [73801]
            20.1
                  19.8
                        19.6
                              19.2
                                    21.2
                                          24.1
                                                26.1
                                                      27.3
                                                            28.0
                                                                   28.0
                                                                         28.5
                                                                               28.4
## [73813]
           28.9
                  28.3
                        27.6
                              26.4
                                    25.0
                                          22.7
                                                19.5
                                                      18.9
                                                            18.8
                                                                  18.5
                                                                        18.6
                                                                               18.1
                        18.3
                              18.0
                                    19.7
                                          22.0
                                                23.6
                                                      24.8
                                                            25.8
                                                                   26.5
## [73825]
            18.2
                  18.3
                                                                         27.1
                  28.2
                        27.9
                              27.4
                                    25.3
                                          21.8
                                                19.9
                                                      18.9
                                                            17.6
                                                                  16.7
## [73837]
            28.9
                                                                         16.4
                                                                               16.2
## [73849]
            16.1
                  16.0
                        16.8
                              17.1
                                    18.3
                                          21.2
                                                22.7
                                                      24.0
                                                            25.0
                                                                  25.9
                                                                         26.8
                                                                               25.7
                              26.9
                                    25.9
                                                22.3
                                                      21.3
                                                            20.0
## [73861]
            28.0
                  27.9
                        27.5
                                          24.2
                                                                  19.4
                                                                         18.2
                                                                               17.6
## [73873]
            17.0
                  16.6
                        16.5
                              16.2
                                    18.3
                                          20.1
                                                21.4
                                                      22.6
                                                            23.7
                                                                   24.8
                                                                         25.7
                                    25.2
                                                20.3
## [73885]
            26.8
                  26.9
                        26.7
                              26.1
                                          23.3
                                                      19.2
                                                            19.2
                                                                  18.3
                                                                        17.8
                                                                               17.4
## [73897]
            17.3
                  17.2
                        16.9
                              16.7
                                    18.9
                                          20.1
                                                21.3
                                                      24.1
                                                            23.2
                                                                   23.3
                                                                         24.0
                                                                               24.0
## [73909]
                  24.5
                        25.3
                              24.2
                                          22.5
                                                      18.3
                                                            17.8
                                                                  16.8
                                                                         16.5
            23.4
                                    24.3
                                                19.3
                                                                               16.3
## [73921]
            16.2
                  15.8
                        15.6
                              15.5
                                    17.5
                                          19.5
                                                20.4
                                                      20.7
                                                            20.8
                                                                   20.8
                                                                         20.4
                                                                               19.2
## [73933]
            19.4
                  21.2
                        21.0
                              20.7
                                    20.2
                                          19.0
                                                17.6
                                                      17.2
                                                            16.8
                                                                   16.1
                                                                         15.7
                                                                               15.2
            14.8
                  14.4
                              13.6
                                    15.5
                                          17.3 18.4
                                                      19.1
                                                            19.5
                                                                  18.7
                                                                         20.5
                                                                               20.7
## [73945]
                        14.1
## [73957]
            20.6
                  20.3
                        19.9
                              19.4
                                    18.7
                                          17.4
                                                15.9
                                                      15.1
                                                            14.4
                                                                  13.9
                                                                         13.4
                                                                               12.9
## [73969]
                 12.0
                        11.5
                              11.3
                                    14.3
                                          15.9
                                                17.0 18.1
                                                            19.0
                                                                  19.7
                                                                         20.3 20.7
            12.5
## [73981]
            21.7
                  21.7
                        21.5
                              21.0
                                    20.2
                                          18.6
                                                15.5
                                                      14.6
                                                            13.7
                                                                  12.8
                                                                        12.4
                                                                               12.2
                        11.6
                                                                  21.3
## [73993]
           12.0
                  11.7
                              11.6
                                    14.5
                                          16.4
                                                18.0
                                                      19.4
                                                            20.4
                                                                         22.2
                                                                               22.8
## [74005]
           23.4
                  23.6
                        23.6
                              23.1
                                    22.5
                                          20.7
                                                17.1
                                                      16.2
                                                            15.0
                                                                  14.0
                                                                        13.5
            12.9
## [74017]
                  12.7
                        12.7
                              12.8
                                    15.5
                                          18.6
                                                21.3
                                                      23.5
                                                            24.9
                                                                  26.0
                                                                        26.8
                                                                              27.3
## [74029]
            27.1
                  26.6
                        26.1
                              25.6
                                    24.7
                                          23.2
                                                21.1
                                                      20.1
                                                            19.1
                                                                  18.4
                                                                        18.1
                                                                              17.8
                                          21.6 23.7
                                                      25.6
                                                                  28.5
                                                                        29.1
## [74041]
            17.5
                  17.1
                        16.9
                              16.8
                                    18.9
                                                            27.3
                                                                               29.1
                                          22.9
## [74053]
            28.2
                  27.7
                        27.1
                              26.2
                                    24.8
                                                21.0
                                                      20.1
                                                            18.7
                                                                  18.4
                                                                        18.2
                                                                              17.9
## [74065]
            18.0
                  17.7
                        17.5
                              17.5
                                    19.8
                                          22.4
                                                24.3
                                                      25.8
                                                            26.7
                                                                   26.9
                                                                         28.1
                                                                               28.4
                  25.6
                        27.2
                              26.6
                                    25.2
                                                22.0
                                                      21.0
                                                            20.3
## [74077]
            25.3
                                          23.9
                                                                  19.9
                                                                         20.1
                                                                               20.1
                                                      22.7
## [74089]
           19.3
                  19.3
                        19.2
                              19.0
                                    19.4
                                          19.3 20.8
                                                            24.2
                                                                  24.3
                                                                         24.3
                                                                               26.5
## [74101]
            24.4
                  23.1
                        23.5
                              24.5
                                    23.7
                                          22.2
                                                18.9
                                                      18.8
                                                            18.8
                                                                  18.7
                                                                         18.4
                                                                               18.2
                                                      24.9
## [74113]
            18.1
                  18.3
                        18.3
                              18.2
                                    18.8
                                          20.5
                                                23.3
                                                            26.0
                                                                   26.7
                                                                         27.2
                                                                               27.5
## [74125]
            27.6
                  27.4
                        26.6
                              25.5
                                    24.3
                                          22.5
                                                20.2
                                                      19.3
                                                            18.8
                                                                  18.5
                                                                         18.1
                                                                               17.5
## [74137]
            17.2
                  16.9
                        17.1
                              17.4
                                    19.5
                                          22.3
                                                24.5
                                                      26.1
                                                            27.6
                                                                   28.8
                                                                         29.6
                                                                               30.5
## [74149]
                  31.3
                        30.6
                              29.5
                                    27.9
                                          25.7
                                                23.8
                                                      23.3
                                                            22.6
                                                                  21.9
                                                                         21.5
           31.4
                                                                               21.6
                                    22.7
## [74161]
            21.4
                  20.8
                        20.6
                              20.6
                                          25.3
                                                28.0
                                                      30.0
                                                            31.3
                                                                  32.2
                                                                         32.9
                                                                               33.2
## [74173]
           34.0
                  34.0
                        33.8
                              33.3
                                    31.7
                                          28.7
                                                24.9
                                                      23.9
                                                            23.2
                                                                  22.2
                                                                        21.8
                                                                               21.5
## [74185]
           21.1
                  20.7
                        20.3
                              20.3
                                    22.7
                                          25.6
                                                27.4
                                                      29.3
                                                            30.3
                                                                  31.1
                                                                        31.9
## [74197]
           35.2
                  35.1
                        34.3
                              33.2
                                    31.8
                                          29.1
                                                26.0
                                                      24.6
                                                            23.6
                                                                  22.8
                                                                        21.9
                                                                               21.2
## [74209]
            20.6
                  20.0
                        19.8
                              19.8
                                    22.0
                                          24.4
                                                26.5
                                                      28.5
                                                            29.9
                                                                  31.4
                                                                        32.8
                                                                               33.7
                                                            23.2
           34.7
                                                26.2
                                                      24.4
                                                                  22.3
## [74221]
                  34.6
                        34.1
                              33.2
                                    31.8
                                         29.3
                                                                        21.2
                                                                               20.4
## [74233]
                  19.4
                        19.1
                              19.0
                                    20.9
                                          22.7
                                                24.2
                                                      25.6
                                                            27.2
                                                                  29.1
           19.8
                                                                        30.6
## [74245]
           32.5
                  32.8
                        32.5
                              31.4
                                    29.3
                                          26.6
                                                24.3
                                                      23.2
                                                            22.2
                                                                  21.4
                                                                        20.8
                                                                               20.5
                              19.8
                                    21.6
                                                24.6
                                                      25.6
                                                            27.2
## [74257]
            20.3
                  20.1
                        19.9
                                          23.3
                                                                   28.8
                                                                        30.2
                                                                               31.1
## [74269]
                              30.5
                                    29.2
                                                25.4
                                                      24.5
                                                            23.9
                                                                        22.5
           31.3
                  31.3
                        31.1
                                          27.3
                                                                  23.1
                                                                               21.8
                                    22.3
                                                      28.1
                                                            29.1
                                                                   30.4
## [74281]
            21.1
                  20.3
                        19.9
                              19.8
                                          24.7
                                                26.9
                                                                        31.6
                                                                               32.6
                                                      24.5
## [74293]
            32.1
                  32.3
                        32.0
                              31.2
                                    29.9
                                          28.3
                                                26.0
                                                            23.8
                                                                   23.0
                                                                        22.3
                                                                               21.6
## [74305]
            21.0
                  20.8
                        20.9
                              20.9
                                    22.4
                                          24.3
                                                26.3
                                                      28.2
                                                            29.6
                                                                   30.5
                                                                         31.7
                                                                               32.5
## [74317]
                                    30.1
                                          28.6
                                                26.8
                                                      25.8
                                                            24.9
                                                                   24.1
                                                                         23.5
                                                                               22.8
            32.4
                  32.4
                        32.1
                              31.3
## [74329]
            22.3
                  21.9
                        21.6
                              21.7
                                    23.6
                                          24.8
                                                25.4
                                                      26.7
                                                            27.9
                                                                   29.0
                                                                        30.0
                                                                               30.6
                                                            23.6
                                    28.0
                                                      24.3
                                                                         22.3
## [74341]
            31.1
                  30.9
                        30.2
                              29.2
                                          26.4
                                                24.9
                                                                  22.9
                                                                               21.9
## [74353]
            21.6
                  21.4
                        21.3
                              21.1
                                    22.6
                                          24.2
                                                25.4
                                                      26.2
                                                            27.0
                                                                  27.7
                                                                         28.2
                                                                               28.6
                                          25.2 24.0
                                                      23.6 23.1
## [74365]
            29.6 29.3
                        28.7
                              27.7
                                    26.6
                                                                  22.4 22.1 22.0
## [74377]
            21.9
                  21.5
                        21.4
                              21.4
                                    23.3
                                          24.6
                                                25.4
                                                      26.9
                                                            27.2
                                                                  27.5
                                                                        29.5
                                                                              27.9
                                          26.8 25.0
## [74389]
           31.6 31.9 31.6 29.2 27.5
                                                      24.4 24.5 24.2 24.1 22.6
```

```
## [74401]
            21.9
                  22.1 21.6 21.5
                                    21.9 25.0 26.3
                                                       28.1
                                                             25.4 24.8
                                                                          26.6
## [74413]
            33.2 32.4
                        31.2
                              30.3
                                    29.2
                                          27.5
                                                 24.5
                                                       23.7
                                                             23.9
                                                                   22.7
                                                                          22.2
                                                                                21.8
                              22.3
                                    24.8
                                                27.9
## [74425]
            23.1
                  22.7
                        22.4
                                           26.4
                                                       29.5
                                                             30.9
                                                                   31.7
                                                                          30.5
## [74437]
                                    28.8
                                           26.5
                                                 24.6
                                                       25.9
                                                             25.5
            32.8
                  32.6
                        31.8
                              30.1
                                                                    24.9
                                                                          23.3
                                                                                22.7
## [74449]
            21.7
                  20.8
                        20.8
                              20.5
                                    21.3
                                           23.3
                                                 24.9
                                                       26.7
                                                             28.0
                                                                    29.1
                                                                          29.7
                                                                                29.7
## [74461]
            29.6
                  28.6
                        27.7
                              27.0
                                    27.2
                                          27.0
                                                 23.9
                                                       22.6
                                                             21.4
                                                                   20.7
                                                                          20.1
                                                                                20.0
                        19.7
                              19.8
                                    22.2
                                           24.3
                                                 26.2
                                                       27.4
                                                             28.5
                                                                    29.6
                                                                          30.5
## [74473]
            19.8
                  19.8
            30.6
                        29.6
                                    28.1
                                           27.0
                                                 25.6
                                                       23.9
                                                             22.7
                                                                    22.7
## [74485]
                  30.1
                              29.0
                                                                          22.6
                                                                                22.4
                                                       30.1
## [74497]
            21.9
                  21.6
                        21.8
                              22.1
                                    23.8
                                           26.6
                                                 28.4
                                                             31.3
                                                                    32.1
                                                                          32.6
                                                                                33.0
                                                                         23.0
                                    30.7
                                           29.2
                                                 26.7
                                                       25.2
                                                             23.9
                                                                   23.4
                                                                                22.6
## [74509]
            33.1
                  32.9
                        32.5
                              31.8
                                           25.8
## [74521]
            22.2
                  21.8
                        21.5
                              20.9
                                    23.2
                                                 27.6
                                                       29.3
                                                             30.4
                                                                    31.2
                                                                          32.0
                                                                                32.8
                                           28.9
                                                 25.8
                                                             23.8
## [74533]
            31.8
                  31.9
                              31.3
                                    30.4
                                                       24.2
                                                                    23.0
                                                                          22.3
                                                                                21.8
                        31.8
## [74545]
            21.1
                  20.8
                        21.7
                              21.7
                                     22.5
                                           23.7
                                                 25.3
                                                       26.5
                                                             27.5
                                                                    28.4
                                                                          29.2
                                                                                29.8
            29.9
                  29.8
                        29.5
                              28.9
                                    28.0
                                           26.6
                                                       23.5
                                                             22.7
                                                                    22.2
                                                                          21.7
## [74557]
                                                 24.3
                                                                                21.3
## [74569]
            20.8
                  20.6
                        20.2
                              19.9
                                    22.1
                                           24.1
                                                 25.8
                                                       27.2
                                                             28.3
                                                                    29.0
                                                                          29.5
                                                                                29.8
## [74581]
            30.7
                  30.9
                        30.7
                              30.0
                                    29.1
                                           27.6
                                                 25.8
                                                       24.7
                                                             23.8
                                                                    23.1
                                                                          22.7
                                                                                22.2
## [74593]
                        20.6
                              20.3
                                    22.6
                                           24.4
                                                 25.5
                                                       26.4
                                                             27.1
                                                                   27.9
                                                                          28.3
                                                                                28.3
            21.6
                  21.0
## [74605]
            28.2
                  28.3
                        28.1
                              27.5
                                    26.7
                                           25.1
                                                 23.3
                                                       22.5
                                                             21.9
                                                                   21.4
                                                                         20.8
                                                                                20.3
## [74617]
            19.7
                  19.3
                        18.9
                              18.4
                                    20.5
                                           22.6
                                                 24.0
                                                       25.2
                                                             26.2
                                                                   27.1
                                                                         28.0
                                                                                28.5
## [74629]
            28.7
                  28.8
                        28.7
                              28.2
                                    27.4
                                           25.7
                                                 22.2
                                                       21.1
                                                             20.1
                                                                   19.4
                                                                         19.2
                                                                                18.9
                        17.8
## [74641]
            18.5
                  17.9
                              17.3
                                    19.9
                                           22.4
                                                 24.3
                                                       25.9
                                                             27.4
                                                                   28.9
                                                                         30.4
                                                                                31.5
## [74653]
            32.1
                  29.7
                        29.5
                              28.7
                                    27.8
                                          26.3
                                                 23.4
                                                       21.6
                                                             20.8
                                                                    20.0
                                                                         19.6
## [74665]
            18.8
                  18.6
                        18.3
                              17.7
                                    19.6
                                          21.8
                                                 23.7
                                                       24.7
                                                             25.4
                                                                   26.0
                                                                         26.4
                                                                                27.0
## [74677]
            27.4
                  27.3
                        26.9
                              26.0
                                    24.9
                                           23.3
                                                 21.6
                                                       20.8
                                                             20.2
                                                                   19.5
                                                                         18.6
                                                                                17.7
            16.8
                        16.4
                              16.4
                                          21.2 22.5
                                                       23.6
                                                             24.6
                                                                   25.4
                                                                         26.4
## [74689]
                  16.4
                                    18.9
                                                                                27.1
                        27.8
## [74701]
            27.7
                  28.0
                              27.4
                                    26.6
                                          24.9
                                                 21.3
                                                       20.7
                                                             19.7
                                                                    18.5
                                                                         17.9
                                                                                17.7
## [74713]
            17.4
                  17.2
                        17.2
                              17.2
                                    19.3
                                          23.1
                                                 26.1
                                                       28.2
                                                             29.9
                                                                    30.7
                                                                          31.7
                                                                                32.0
                  33.0
                        32.9
                              29.3
                                    28.4
                                           26.5
                                                 23.9
                                                       22.5
## [74725]
            33.1
                                                             21.5
                                                                    20.3
                                                                         19.3
                                                                                18.4
            17.9
                                                       25.0
                                                             26.0
## [74737]
                  17.7
                        17.6
                              17.6
                                    20.0
                                          22.3
                                                 23.8
                                                                   26.8
                                                                         27.3
                                                                                28.1
## [74749]
            28.4
                  28.5
                        28.2
                              27.5
                                    26.4
                                           24.6
                                                 22.7
                                                       21.8
                                                             21.2
                                                                    20.6
                                                                          20.1
                                                                                19.6
                                                       24.9
## [74761]
            19.1
                  18.8
                        18.2
                              17.9
                                    19.6
                                           21.7
                                                 23.6
                                                             25.9
                                                                    26.8
                                                                          27.4
                                                                                27.9
## [74773]
            28.3
                  28.3
                        28.0
                              27.1
                                    25.9
                                           24.3
                                                 22.5
                                                       21.8
                                                             21.1
                                                                    20.2
                                                                         19.0
                                                                                18.4
                                                       25.8
## [74785]
            18.3
                  18.6
                        18.9
                              19.9
                                    21.2
                                           22.7
                                                 24.3
                                                             27.4
                                                                   28.9
                                                                          30.4
                                                                                31.6
                                                                         20.3
## [74797]
                  31.8
                        31.6
                              31.1
                                    30.2
                                           28.2
                                                 24.8
                                                       23.3
                                                             22.1
                                                                    21.2
            31.6
                                                                                19.9
## [74809]
            19.5
                  19.1
                        18.5
                              18.1
                                    20.1
                                           21.4
                                                 23.0
                                                       24.7
                                                             26.2
                                                                    27.8
                                                                          29.4
                                                                                30.6
## [74821]
            33.5
                  34.0
                        34.0
                              33.5
                                    32.3
                                           29.8
                                                 26.5
                                                       24.2
                                                             22.2
                                                                   21.8
                                                                         21.2
                                                                                20.4
## [74833]
            20.0
                  19.7
                        19.4
                              19.1
                                    21.8
                                           25.1
                                                 26.8
                                                       28.0
                                                             29.3
                                                                   30.5
                                                                         31.9
                                                                                32.8
## [74845]
            34.2
                  34.1
                        33.7
                              32.7
                                    31.0
                                           28.1
                                                 24.5
                                                       22.7
                                                             21.6
                                                                   20.8
                                                                         20.1
                                                                                19.8
## [74857]
            19.6
                  19.3
                        18.9
                              18.6
                                    20.7
                                           24.0
                                                 26.7
                                                       29.4
                                                             31.8
                                                                   33.0
                                                                         33.0
                                                                                32.3
            34.7
                                                24.3
## [74869]
                  34.1
                        32.4
                              30.6
                                    29.5
                                          27.6
                                                       23.0
                                                             21.9
                                                                   21.1
                                                                         20.5
                                                                                19.7
## [74881]
                  21.2
                        20.9
                              20.8
                                    21.6
                                           23.2
                                                 26.1
                                                       28.0
                                                             29.3
                                                                   30.6
            21.2
                                                                         31.6
## [74893]
            32.8
                  32.2
                        31.4
                              30.3
                                    28.7
                                           26.7
                                                 23.2
                                                       22.4
                                                             22.2
                                                                   23.1
                                                                         24.3
                                                                                24.7
## [74905]
                              21.1
                                    21.5
                                                 23.6
                                                       24.8
                                                             26.7
            23.8
                  23.1
                        22.0
                                           22.5
                                                                    28.2
                                                                          29.4
                                                                                29.9
## [74917]
            30.4
                  29.8
                        29.4
                              28.7
                                    26.8
                                                       26.6
                                                             23.2
                                                                          22.9
                                           25.1
                                                 24.0
                                                                   22.5
                                                                                22.1
                                    21.2
                                                 24.8
                                                       26.4
                                                             27.6
                                                                          29.7
## [74929]
            21.6
                  21.3
                        21.0
                              20.3
                                           23.0
                                                                    28.8
                                                 22.7
                                                       21.8
## [74941]
            28.4
                  28.6
                        28.4
                              27.9
                                    26.8
                                           25.1
                                                             21.2
                                                                    20.6
                                                                          20.0
                                                                                19.4
                                                       25.3
## [74953]
            18.7
                  18.1
                        17.7
                              17.5
                                    19.6
                                           22.1
                                                 23.9
                                                             26.6
                                                                    26.3
                                                                          26.6
                                                                                27.2
## [74965]
                        26.8
                              25.9
                                    24.8
                                          23.3
                                                21.6
                                                       21.0
                                                             20.4
                                                                                18.7
            27.3
                  27.1
                                                                   19.9
                                                                         19.4
## [74977]
            18.0
                  17.7
                        17.2
                              16.8
                                    19.1
                                           21.8
                                                 23.6
                                                       24.9
                                                             25.9
                                                                    26.6
                                                                         27.4
                                                                                28.2
                                    27.3
                                                       20.6
## [74989]
            28.9
                  29.2
                        29.1
                              28.5
                                           25.3
                                                 21.9
                                                             19.8
                                                                   19.1
                                                                          18.5
                                                                                18.4
## [75001]
            18.1
                  17.9
                        18.0
                              17.7
                                    19.7
                                           22.7
                                                 24.5
                                                       26.2
                                                             27.6
                                                                   28.8
                                                                         29.4
                                                                                29.8
## [75013]
            30.5
                  30.6
                        30.5
                              30.2
                                    29.4
                                          27.0
                                                23.1
                                                       22.0
                                                             21.6
                                                                   21.1 20.4
## [75025]
            19.6
                  19.3
                        18.9
                              18.2
                                    20.7
                                           24.1
                                                 26.5
                                                       28.5
                                                             29.6 30.5 31.1
                                                                               31.6
                  32.3 32.3 31.8 30.6 28.1 23.9
                                                       22.6 21.8 21.3 20.8 20.1
## [75037]
            32.1
```

```
## [75049]
            19.5
                  19.2 18.9
                              18.7
                                      21.0 24.0
                                                  26.4
                                                         28.2
                                                               29.5
                                                                      30.4
  [75061]
            31.9
                  32.5
                         32.3
                               31.6
                                      30.4
                                            28.3
                                                  25.1
                                                         23.9
                                                               23.0
                                                                      22.3
                                                                            22.0
                                                                                  21.6
                                      20.6
## [75073]
            20.6
                  19.7
                         19.1
                               18.8
                                            23.3
                                                  25.0
                                                         26.2
                                                               27.0
                                                                      27.9
                                                                            29.0
                               28.1
                                            25.2
                                                   23.4
                                                         22.7
                                                               22.2
  [75085]
            29.5
                   29.5
                         29.0
                                      26.9
                                                                      21.5
                                                                            21.0
                                                                                  20.3
   [75097]
            19.6
                   19.3
                         19.1
                               18.8
                                      20.0
                                            22.3
                                                   24.5
                                                         26.3
                                                               27.4
                                                                      28.4
                                                                            28.9
                                                                                   29.4
  [75109]
            30.0
                  29.7
                         29.0
                               27.9
                                      26.6
                                            24.7
                                                   23.0
                                                         22.3
                                                               21.5
                                                                      20.6
                                                                            19.9
##
                                                                                  19.5
                  19.0
                         18.8
                               18.5
                                      19.9
                                            22.3
                                                   24.5
                                                         26.1
                                                               27.5
                                                                      28.8
  [75121]
            19.3
                                                                            28.7
                  30.2
                         29.6
                                      27.5
                                            25.7
                                                   23.7
                                                         22.7
                                                                      20.9
## [75133]
            30.4
                               28.8
                                                               21.9
                                                                            20.1
                                                                                  19.6
                                                         26.5
                                                               27.7
##
   [75145]
            19.2
                  19.3
                         19.3
                               19.0
                                      20.3
                                            22.6
                                                   24.7
                                                                      28.6
                                                                            29.2
                                                                                  29.8
            30.9
                         30.4
                               29.5
                                            26.0
                                                   24.0
                                                         23.0
                                                               22.2
                                                                            20.5
##
   [75157]
                   30.9
                                      28.1
                                                                      21.3
                                                                                  19.8
                                            22.8
                                                   25.1
  [75169]
            19.5
                  19.5
                         19.2
                               18.9
                                      20.3
                                                         26.9
                                                                28.3
                                                                      29.4
                                                                            29.8
                                      28.8
                                                         23.1
                                                                            20.7
  [75181]
            31.5
                   31.5
                         30.9
                               30.0
                                            26.8
                                                   24.4
                                                               21.9
                                                                      20.9
                                                                                   20.0
##
  [75193]
            19.3
                   18.8
                         18.6
                               18.5
                                      20.9
                                            24.3
                                                   26.6
                                                         28.1
                                                               29.2
                                                                      30.0
                                                                            30.7
                                                                                  30.4
            31.9
                   31.9
                         31.5
                               30.5
                                      29.2
                                            27.3
                                                   25.2
                                                         23.8
                                                               22.6
                                                                      21.6
                                                                            20.9
## [75205]
                                                                                  20.5
            20.0
## [75217]
                   19.4
                         18.9
                               18.5
                                      20.2
                                            23.2
                                                   25.4
                                                         27.2
                                                               28.7
                                                                      29.8
                                                                            31.1
                                                                                   31.7
   [75229]
            31.8
                   31.8
                         31.5
                               30.8
                                      29.6
                                            27.3
                                                   25.0
                                                         23.9
                                                                22.7
                                                                      21.9
                                                                            21.2
                                                                                  20.4
   [75241]
            19.7
                   19.3
                               18.7
                                      20.6
                                            24.2
                                                   26.9
                                                         28.7
                                                               30.2
                                                                      30.7
                                                                            31.5
                                                                                  32.1
##
                         19.0
  [75253]
            33.3
                   33.3
                         32.9
                               32.0
                                      30.8
                                            28.6
                                                   26.1
                                                         24.5
                                                               23.4
                                                                      22.1
                                                                            20.9
                                                                                  20.3
## [75265]
            19.7
                  19.2
                         18.7
                               18.4
                                      20.3
                                            23.9
                                                   26.4
                                                         28.3
                                                               30.1
                                                                      32.0
                                                                            33.2
                                                                                  34.4
## [75277]
            34.8
                   35.1
                         34.3
                               33.2
                                      31.9
                                            29.8
                                                   27.0
                                                         25.2
                                                               23.9
                                                                      23.1
                                                                            22.5
                                                                                  21.7
## [75289]
            21.2
                  20.8
                         20.3
                               19.7
                                      21.2
                                            24.3
                                                   27.0
                                                         28.9
                                                               30.3
                                                                      31.4
                                                                            32.0
                                                                                  32.7
## [75301]
            33.5
                   34.0
                         32.5
                               30.2
                                      29.2
                                            27.7
                                                   25.6
                                                         25.0
                                                               24.1
                                                                      23.4
                                                                            22.4
  [75313]
            21.4
                  20.8
                         20.6
                               20.5
                                      22.4
                                            24.9
                                                   26.3
                                                         27.7
                                                               28.9
                                                                      29.6
                                                                            30.0
                                                                                  30.1
##
   [75325]
            30.9
                   30.7
                         30.2
                               29.3
                                      27.9
                                            25.9
                                                   24.4
                                                         23.7
                                                               23.1
                                                                      22.5
                                                                            21.9
##
                                                                                  21.3
                         20.6
                               20.8
                                            23.4
            20.6
                  20.5
                                      21.8
                                                   25.5
                                                         27.4
                                                               28.7
                                                                      29.5
                                                                            30.6
##
  [75337]
                                                                                  31.2
                                                         24.2
                                                                      22.9
   [75349]
            31.8
                  31.8
                         31.3
                               30.3
                                      28.7
                                            26.5
                                                   24.9
                                                               23.6
                                                                            22.3
                                                                                  21.8
  [75361]
            21.1
                   20.6
                         20.7
                               20.6
                                      21.4
                                            23.4
                                                   25.4
                                                         27.0
                                                               28.4
                                                                      29.7
                                                                            30.5
                                                                                  31.3
##
   [75373]
                               30.6
                                      29.4
                                            27.3
                                                   25.5
                                                         24.4
                                                               23.5
                                                                      22.6
                                                                            22.0
##
            31.9
                   32.0
                         31.5
                                                                                  21.3
                                                   25.6
                                                         26.6
                                                               27.9
  [75385]
            20.6
                  20.2
                         20.0
                               19.8
                                      20.8
                                            23.7
                                                                      29.4
                                                                            30.7
##
                                                                                  31.7
   [75397]
            33.4
                   33.6
                         33.4
                               32.7
                                      31.4
                                            29.0
                                                   26.6
                                                         25.4
                                                               24.3
                                                                      23.6
                                                                            23.4
                                                                                  22.6
                                                         27.2
##
  [75409]
            21.9
                   21.5
                         21.1
                               20.9
                                      21.8
                                            24.4
                                                   25.8
                                                                28.7
                                                                      29.7
                                                                            30.3
                                                                                  30.6
##
   [75421]
            30.7
                   30.4
                         29.8
                               28.7
                                      27.3
                                            25.2
                                                   23.8
                                                         23.2
                                                               22.8
                                                                      22.7
                                                                            21.9
                                                                                  22.0
                                      22.3
                                            24.4
                                                         28.1
                                                               29.1
  [75433]
            21.6
                  21.8
                         21.5
                               21.5
                                                   26.4
                                                                      29.7
                                                                            30.6
                                                                                  31.8
## [75445]
                  31.2
                         30.6
                               28.2
                                      27.9
                                            26.0
                                                   24.7
                                                         24.5
                                                               24.4
                                                                      23.3
                                                                            22.7
                                                                                  22.2
            31.3
                                      22.2
                                                         27.7
  [75457]
            21.7
                   21.8
                         21.9
                               21.7
                                            23.9
                                                   25.8
                                                               29.4
                                                                      30.6
                                                                            31.3
                                                                                  32.1
## [75469]
            32.6
                  32.7
                         32.3
                               31.4
                                      30.0
                                            27.8
                                                   26.1
                                                         25.1
                                                               24.1
                                                                      23.1
                                                                            22.3
                                                                                  21.6
## [75481]
            21.0
                  20.8
                         20.7
                               20.6
                                      21.5
                                            23.8
                                                   25.6
                                                         27.3
                                                               28.9
                                                                      30.5
                                                                            32.0
                                                                                  33.1
  [75493]
            33.4
                  33.7
                         33.6
                               33.1
                                      31.8
                                            28.6
                                                   26.0
                                                         25.1
                                                               24.0
                                                                      22.8
                                                                            21.8
                                                                                  20.9
                                                         27.3
   [75505]
            20.4
                   20.3
                         20.0
                               19.7
                                      20.3
                                            23.3
                                                   25.6
                                                               28.9
                                                                      30.2
                                                                            31.1
                                                                                   30.7
##
                               28.3
                                                  23.2
                                                         22.8
                                                               22.6
  [75517]
            30.2
                  30.0
                         29.5
                                      26.9
                                            24.6
                                                                      21.0
                                                                            20.2
                                                                                  19.3
##
                  17.5
                         17.2
                               17.1
                                      17.6
                                            19.2
                                                  21.0
                                                         22.6
                                                               24.3
                                                                      25.9
  [75529]
            18.3
                                                                            26.8
  [75541]
            27.5
                  27.1
                         25.9
                               24.7
                                      23.4
                                            21.8
                                                  20.9
                                                         20.3
                                                               19.5
                                                                      18.6
                                                                            18.0
                                                                                  17.8
                                      17.5
                                            20.7
                                                   23.1
                                                         24.5
##
   [75553]
            17.6
                   17.3
                         17.0
                               16.8
                                                               25.7
                                                                      26.8
                                                                            26.7
                                                                                  26.6
                   26.3
                               24.8
                                      23.4
                                            21.4
                                                         19.6
                                                               19.1
                                                                      18.6
##
   [75565]
            26.3
                         25.7
                                                   20.3
                                                                            18.1
                                                                                  17.7
                                      16.9
                                                   22.2
                                                               25.1
                                                                      25.9
   [75577]
            17.1
                   16.3
                         15.9
                               15.9
                                            19.8
                                                         24.1
                                                                            26.7
                                                                                   27.0
                                                   20.9
                                                         20.6
                                                                      19.4
   [75589]
            26.8
                   26.8
                         26.2
                               25.3
                                      23.9
                                            21.9
                                                               20.0
                                                                            18.9
                                                                                  18.4
##
                                                         24.1
##
   [75601]
            18.0
                  17.5
                         17.2
                               16.9
                                      17.6
                                            20.5
                                                   22.7
                                                               25.1
                                                                      26.2
                                                                            27.2
                                                                                   28.1
  [75613]
                         28.8
                               28.0
                                      26.7
                                            24.1
                                                   22.3
                                                         21.3
                                                               20.5
                                                                      19.6
                                                                                  18.4
##
            28.9
                   29.1
                                                                            18.7
            18.3
  [75625]
                  18.1
                         18.7
                               19.3
                                      19.6
                                            21.4
                                                   23.1
                                                         24.7
                                                               26.1
                                                                      27.2
                                                                            28.2
                                                                                  29.2
                                      28.5
                                                   22.7
                                                         21.5
## [75637]
            30.3
                   30.7
                         30.6
                               29.9
                                            24.7
                                                               20.6
                                                                      20.2
                                                                            19.7
                                                                                  19.1
## [75649]
            18.5
                   18.3
                         18.0
                               18.0
                                      18.7
                                            22.1
                                                   24.7
                                                         26.9
                                                               28.2
                                                                      29.4
                                                                            30.4
                                                                                  31.0
                                            25.4
                                                  23.7
                                                         22.8
                                                               22.0
## [75661]
            31.9
                  31.9
                         31.3
                               30.2
                                      28.5
                                                                      21.3
                                                                            20.7
                                                                                  20.4
                                                                      27.6
## [75673]
            20.2
                  20.0
                         19.6
                               19.5
                                      21.2
                                            22.6
                                                  23.8
                                                         25.5
                                                               26.4
                                                                            28.9
                                                                                  29.9
                                      27.6
                                            25.3
                                                         23.2 22.3 21.5 20.7
## [75685]
            30.5
                  30.5
                         30.1 29.1
                                                  24.1
                                                                                  20.2
```

```
## [75697]
            20.1
                   20.1
                         20.0 19.8
                                      20.2 22.7
                                                  24.9
                                                         26.9
                                                               28.3
                                                                     29.5
                                                                            30.2
  [75709]
            30.8
                  30.8
                         30.3
                               29.4
                                      28.1
                                            25.9
                                                  24.5
                                                         23.5
                                                               22.5
                                                                     21.7
                                                                            21.2
                                                                                  20.9
                                      20.4
                                                         27.4
  [75721]
            20.8
                   20.8
                         20.5
                               20.1
                                            23.3
                                                  25.6
                                                               28.7
                                                                     30.1
                                                                            31.2
                                                                                  31.9
                                            27.6
                                                  26.2
                                                         25.2
                                                               23.9
                                                                     23.0
  [75733]
            32.3
                  32.3
                         32.1
                               31.3
                                      30.1
                                                                            23.1
                                                                                  22.7
##
   [75745]
            22.5
                   22.3
                         22.1
                               21.8
                                      22.0
                                            25.2
                                                  28.4
                                                         30.5
                                                               32.1
                                                                     33.3
                                                                            34.4
                                                                                  35.2
            35.0
                  33.9
                         32.8
                               32.1
                                      30.8
                                            28.4
                                                  26.8
                                                         24.6
                                                               23.9
                                                                     24.5
                                                                            24.5
##
  [75757]
                                                                                  24.4
                         24.0
                               23.5
                                      22.5
                                            25.0
                                                  26.9
                                                         29.0
                                                               30.7
                                                                     32.3
                                                                            33.4
   [75769]
            24.6
                   24.5
                                      29.6
                                            26.2
                                                  24.7
                                                         23.7
                                                               23.0
                                                                     22.5
                                                                            22.0
  [75781]
            31.4
                  31.7
                         31.5
                               30.8
                                                                                  21.5
                                                         27.8
                                                               29.3
##
   [75793]
            22.1
                   22.1
                         21.9
                               21.6
                                      21.8
                                            24.0
                                                  25.9
                                                                     30.8
                                                                            32.0
                                                                                  32.4
                               29.1
                                            25.8
                                                  24.7
                                                         23.9
                                                               23.1
                                                                     22.3
##
   [75805]
            30.3
                   30.3
                         29.9
                                      27.9
                                                                            21.8
                                                                                  21.2
                                            23.5
   [75817]
            20.7
                   20.5
                         20.3
                               20.1
                                      20.6
                                                  25.4
                                                         26.8
                                                               27.5
                                                                     28.2
                                                                            28.6
                   27.9
                                                  22.5
  [75829]
            28.2
                         27.4
                               26.3
                                      24.9
                                            23.1
                                                         21.9
                                                               21.2
                                                                     20.5
                                                                            20.0
                                                                                  19.4
##
##
  [75841]
            18.9
                   18.7
                         18.5
                               18.2
                                      18.6
                                            21.4
                                                  23.8
                                                         25.3
                                                               26.5
                                                                     27.4
                                                                            28.0
                                                                                  28.1
            27.0
                   26.8
                         26.2
                               25.1
                                      23.8
                                            21.9
                                                         20.8
                                                               20.1
                                                                     19.5
##
  [75853]
                                                  21.3
                                                                            19.1
                                                                                  18.9
  [75865]
            18.5
                   18.2
                         17.9
                               17.7
                                      17.8
                                            19.9
                                                  22.0
                                                         23.8
                                                               25.1
                                                                     26.4
                                                                            26.8
                                                                                  27.0
   [75877]
            27.1
                   27.0
                         26.3
                               25.4
                                      24.0
                                            22.1
                                                  21.4
                                                         20.8
                                                               20.2
                                                                     19.6
                                                                            18.9
                                                                                  18.5
   [75889]
            18.2
                  17.8
                         17.7
                               17.4
                                      17.5
                                            19.9
                                                  21.9
                                                         23.6
                                                               25.0
                                                                     25.9
                                                                            27.1
##
                                                                                  27.7
  [75901]
            28.8
                   28.8
                         28.5
                               27.6
                                      26.2
                                            23.8
                                                  22.7
                                                         21.8
                                                               21.1
                                                                     20.2
                                                                            19.3
## [75913]
            18.0
                  17.6
                         17.5
                               17.4
                                      17.5
                                            20.5
                                                  22.6
                                                         24.1
                                                               25.4
                                                                     26.7
                                                                            27.6
                                                                                  28.3
## [75925]
            30.1
                   30.3
                         29.7
                               27.9
                                      25.6
                                            22.9
                                                  22.5
                                                         22.3
                                                               21.6
                                                                     21.0
                                                                            20.2
                                                                                  20.0
            19.7
## [75937]
                   19.5
                         19.4
                               19.0
                                      19.2
                                            22.2
                                                  24.8
                                                         26.5
                                                               27.4
                                                                     28.5
                                                                            29.6
                                                                                  30.3
## [75949]
            30.8
                   30.9
                         29.9
                               27.9
                                      26.4
                                            24.2
                                                  23.7
                                                         23.0
                                                               22.0
                                                                     21.4
                                                                            21.1
                                                               29.4
  [75961]
            20.7
                   20.5
                         20.2
                               19.9
                                      20.6
                                            23.5
                                                  26.1
                                                         28.1
                                                                     30.5
                                                                            31.3
##
                                                                                  31.5
   [75973]
            30.3
                   30.1
                         29.4
                               28.2
                                      26.3
                                            24.1
                                                  23.0
                                                         22.1
                                                               21.4
                                                                     20.8
                                                                            20.2
##
                                                                                  20.0
                  19.5
                               18.9
                                            21.2
                                                  23.0
                                                         24.4
                                                               25.3
                                                                     26.0
##
  [75985]
            19.8
                         19.3
                                      18.7
                                                                            26.7
                                                                                  27.3
                                            22.3
                                                         20.7
   [75997]
            27.8
                   27.8
                         27.3
                               26.2
                                      24.5
                                                  21.4
                                                               20.1
                                                                     19.4
                                                                            18.8
                                                                                  18.3
  [76009]
            17.6
                  16.9
                         16.5
                               16.5
                                      16.6
                                            19.6
                                                  21.7
                                                         23.1
                                                               24.6
                                                                     25.8
                                                                            26.7
                                                                                  26.6
##
   [76021]
            26.7
                   26.4
                               24.6
                                      23.2
                                            21.5
                                                  21.0
                                                         20.7
                                                               20.3
##
                         25.4
                                                                     19.7
                                                                            19.0
                                                                                  18.5
            18.0
                                                         23.2
  [76033]
                  17.6
                         17.1
                               16.6
                                      16.5
                                            19.7
                                                  21.9
                                                               24.2
                                                                     24.2
                                                                            24.5
                                                                                  25.3
##
  [76045]
            26.5
                   26.4
                         25.9
                               25.1
                                      23.5
                                            21.5
                                                  20.7
                                                         19.9
                                                               18.7
                                                                     17.9
                                                                            17.2
                                                                                  16.7
##
  [76057]
            16.4
                   16.5
                         16.4
                               16.2
                                      16.4
                                            19.6
                                                  22.2
                                                         23.6
                                                               24.7
                                                                     25.3
                                                                            26.1
                                                                                  26.6
##
   [76069]
            27.4
                   27.3
                         26.9
                               26.0
                                      24.4
                                            22.2
                                                  21.1
                                                         20.3
                                                               19.5
                                                                     18.6
                                                                            17.7
                                                                                  17.4
                                                         23.7
                                                               25.0
   [76081]
            17.1
                   16.7
                         16.5
                               16.3
                                      16.1
                                            19.3
                                                  22.1
                                                                     26.3
                                                                            27.4
                                                                                  28.4
  [76093]
            29.2
                   29.7
                         29.6
                               28.5
                                      26.3
                                            23.2
                                                  22.3
                                                         20.7
                                                               20.0
                                                                     19.8
                                                                            19.5
                                                                                  19.0
   [76105]
            19.0
                   18.1
                         18.0
                               18.5
                                      18.2
                                            20.5
                                                  23.9
                                                         26.1
                                                               27.6
                                                                     28.1
                                                                            29.1
                                                                                  29.3
## [76117]
            31.1
                  30.8
                         29.7
                               27.9
                                      26.8
                                            25.6
                                                  25.0
                                                         23.6
                                                               21.6
                                                                     20.9
                                                                            20.5
                                                                                  20.2
## [76129]
            20.2
                  19.7
                         18.9
                               19.1
                                      19.5
                                            20.5
                                                  21.4
                                                         22.8
                                                               23.8
                                                                     25.7
                                                                            26.8
                                                                                  27.9
## [76141]
            29.0
                  29.1
                         28.6
                               27.5
                                      25.5
                                            23.4
                                                  22.7
                                                         22.0
                                                               21.3
                                                                     20.6
                                                                            21.0
                                                                                  20.9
   [76153]
            21.2
                   21.0
                         20.9
                               20.7
                                      20.5
                                            22.1
                                                  23.4
                                                         24.7
                                                               25.8
                                                                     26.9
                                                                            28.0
                                                                                  29.0
                               28.5
                                                  23.3
                                                         22.5
  [76165]
            29.6
                  29.8
                         29.4
                                      26.5
                                            24.2
                                                               21.8
                                                                     21.2
                                                                            20.8
                                                                                  20.6
##
                  19.9
                         19.9
                               19.9
                                      20.6
                                            21.8
                                                  23.0
                                                         24.1
                                                               25.1
                                                                     25.9
  [76177]
            20.2
                                                                            27.0
## [76189]
            29.2
                  27.2
                         28.1
                               27.2
                                      25.6
                                            23.9
                                                  23.0
                                                         22.4
                                                               22.2
                                                                     21.8
                                                                            21.4
                                                                                  21.2
            20.6
                               20.9
                                      20.4
                                            21.7
                                                  23.3
                                                         24.4
                                                               24.1
## [76201]
                   20.9
                         20.9
                                                                     25.2
                                                                            26.2
                                                                                  27.9
            28.2
                  28.2
                         27.6
                               26.4
                                      24.9
                                                  22.4
                                                         21.8
                                                               21.1
                                                                     20.5
                                                                            19.9
## [76213]
                                            23.1
                                                                                  19.6
                                                  22.7
                                                         23.9
                                                               24.8
## [76225]
            19.3
                  19.1
                         18.9
                               19.1
                                      19.8
                                            21.4
                                                                     26.0
                                                                            27.2
                   27.5
                                            22.5
                                                         21.3
                                                               20.8
                                                                            19.5
## [76237]
            27.7
                         26.9
                               25.8
                                      24.1
                                                  21.8
                                                                     20.1
                                                                                  19.0
                                                         24.0
##
   [76249]
            18.7
                   19.3
                         18.6
                               18.4
                                      18.2
                                            20.0
                                                  22.1
                                                               25.2
                                                                     26.1
                                                                            26.7
                                                                                  27.1
## [76261]
                  27.0
                         26.4
                               25.4
                                      23.9
                                            22.2
                                                  21.5
                                                         20.9
                                                               20.2
            27.5
                                                                     19.6
                                                                           19.3
                                                                                  19.1
                         17.9
## [76273]
            18.6
                  18.1
                               17.6
                                      17.3
                                            19.7
                                                  22.0
                                                         23.9
                                                               25.2
                                                                     26.6
                                                                            27.3
                                                                                  26.0
                                      24.1
                                            22.2
## [76285]
            27.5
                   27.0
                         26.5
                               25.6
                                                  21.1
                                                         19.9
                                                               19.6
                                                                     19.4
                                                                            19.0
                                                                                  18.8
## [76297]
            18.6
                  18.2
                         17.7
                               17.2
                                      16.7
                                            18.7
                                                  22.0
                                                         24.1
                                                               25.6
                                                                     26.8
                                                                            27.7
                                                                                  28.4
                                                        22.1
## [76309]
            30.4
                  29.2
                         27.3
                               27.0
                                      25.1
                                            23.1
                                                  22.5
                                                               21.9
                                                                     21.0
                                                                           20.8
                                                                                  20.7
                         17.5
## [76321]
            19.7
                   18.5
                               17.2
                                      17.2
                                            20.3
                                                  23.2
                                                         25.3
                                                               27.2
                                                                     28.6 29.2
                                                                                  29.6
                                      26.0
                                            24.4 23.5
                                                         22.9 21.7 20.1 18.9
## [76333]
            29.1
                  29.2
                         28.8 27.9
                                                                                 18.2
```

```
## [76345]
            17.9
                  17.7 17.5 17.4 17.4
                                          19.8 22.3
                                                        24.2 25.5
                                                                    26.5
                                                                          27.3
## [76357]
            27.8
                  28.0
                        27.6
                               26.9
                                     24.7
                                           21.7
                                                 20.5
                                                        21.1
                                                              20.2
                                                                    19.3
                                                                          18.9
                                                                                 18.8
                                           20.2
                                                              27.9
                                                                    29.3
## [76369]
            18.7
                  18.5
                         18.5
                               18.7
                                     18.5
                                                 24.1
                                                        26.4
                                                                           30.3
                               28.7
                                           23.6
                                                 22.6
                                                        22.0
                                                              21.5
                                                                    21.2
## [76381]
            31.0
                  30.6
                        29.9
                                     26.1
                                                                           21.1
                                                                                 21.2
## [76393]
            21.2
                  21.1
                         21.0
                               21.0
                                     21.4
                                           23.0
                                                  26.3
                                                        28.6
                                                              30.1
                                                                    30.9
                                                                           31.0
                                                                                 31.1
                                                              20.5
## [76405]
            31.2
                  30.2
                        29.1
                               27.6
                                     25.2
                                           22.8
                                                 22.0
                                                        21.2
                                                                    20.1
                                                                          19.9
                                                                                 19.6
                  19.2
                         19.2
                               19.6
                                     19.9
                                           22.3
                                                  25.1
                                                        26.8
                                                              28.2
                                                                    28.9
                                                                           29.2
## [76417]
            19.2
            30.5
                               26.7
                                     25.3
                                           24.0
                                                  23.7
                                                        22.7
                                                              22.0
                                                                    22.5
## [76429]
                  30.1
                         28.7
                                                                           22.1
                                                                                 21.3
                                           21.3
  [76441]
            20.3
                  19.9
                         19.7
                               20.0
                                     19.6
                                                 22.7
                                                        23.5
                                                              24.3
                                                                    24.7
                                                                           25.0
                                                                                 25.0
            25.6
                  25.4
                                                 19.3
                                                              18.2
                                                                    18.4
## [76453]
                         24.8
                               23.6
                                     21.7
                                           20.1
                                                        18.4
                                                                           18.6
                                                                                 18.8
  [76465]
            18.6
                  17.6
                         15.7
                               17.5
                                     17.5
                                           18.1
                                                  19.4
                                                        19.5
                                                              21.5
                                                                    22.3
                                                                           22.5
                                                                                 22.8
                                                        17.8
## [76477]
            20.4
                  19.9
                         19.9
                               19.9
                                     19.3
                                           18.6
                                                  18.2
                                                              16.6
                                                                    16.2
                                                                          15.9
                                                                                 15.6
## [76489]
            16.0
                  16.9
                         16.7
                               16.3
                                     16.1
                                           17.0
                                                 17.5
                                                        19.3
                                                              20.6
                                                                    21.2
                                                                           21.9
                                                                                 22.3
## [76501]
            21.8
                  21.7
                         21.0
                               19.8
                                     18.7
                                           18.4
                                                        15.6
                                                                    14.3
                                                  16.8
                                                              14.8
                                                                           14.1
                                                                                 14.2
            13.9
  [76513]
                  13.4
                         13.0
                               12.9
                                     12.5
                                           14.3
                                                 17.3
                                                        19.0
                                                              20.2
                                                                    21.1
                                                                           21.7
                                                                                 22.2
  [76525]
            22.6
                  22.8
                         22.6
                               21.7
                                     18.0
                                           17.1
                                                  16.1
                                                        14.5
                                                              13.3
                                                                    12.9
                                                                           12.6
                                                                                 12.4
                               11.8
                                     11.7
                                           13.6
                                                 16.8
                                                        18.6
                                                              19.7
                                                                    20.6
                                                                          21.2
##
  [76537]
            12.1
                  12.0
                        11.9
                                                                                 21.5
  [76549]
            21.6
                  21.5
                         21.0
                               20.0
                                     18.0
                                           16.5
                                                 15.7
                                                        15.0
                                                              14.4
                                                                    13.6
                                                                          13.3
  [76561]
            12.9
                  12.5
                        12.3
                               12.1
                                     11.8
                                           14.1
                                                 17.1
                                                        18.5
                                                              19.7
                                                                    20.4
                                                                           20.9
                                                                                 21.3
## [76573]
            21.5
                  21.1
                         20.6
                               19.5
                                     17.8
                                           16.8
                                                  16.3
                                                        15.7
                                                              15.3
                                                                    14.6
                                                                          13.8
                                                                                 13.5
                                     12.2
                                                                          20.8
## [76585]
            13.1
                  12.9
                         12.7
                               12.4
                                           14.4
                                                 17.4
                                                        18.8
                                                              19.6
                                                                    20.4
                                                                                 21.1
## [76597]
            21.3
                  21.0
                         20.6
                               19.7
                                     17.7
                                           16.3
                                                  15.3
                                                        14.7
                                                              14.5
                                                                    14.2
                                                                          13.0
  [76609]
            12.0
                  11.8
                        11.7
                               11.6
                                     11.5
                                           13.4
                                                  15.8
                                                       17.3
                                                              18.7
                                                                    19.8
                                                                          20.7
##
                                                                                 21.1
   [76621]
                  20.4
                        19.6
                               18.5
                                     16.8
                                           16.0
                                                  15.4
                                                        14.8
                                                              14.1
                                                                    13.0
                                                                          12.7
##
            21.0
                                                                                 12.7
                  12.4
                                           13.3
                                                 17.0
                                                        19.4
                                                              20.8
                                                                           22.4
                                                                                 22.3
##
  [76633]
            12.6
                        12.1
                               11.3
                                     11.1
                                                                    21.7
                                                        14.9
  [76645]
            22.1
                  21.9
                         21.4
                               20.4
                                     18.2
                                           16.8
                                                 15.7
                                                              14.0
                                                                    13.5
                                                                          13.3
                                                                                 13.3
  [76657]
            12.9
                  12.8
                        12.7
                               12.6
                                     12.4
                                           14.1
                                                  17.4
                                                        19.9
                                                              21.8
                                                                    23.0
                                                                          23.8
                                                                                 24.2
                               23.5
                                     20.9
                                           18.9
                                                  17.6
                                                        17.1
                                                              16.7
                                                                    16.4
##
  [76669]
            25.0
                  25.0
                         24.6
                                                                           16.1
                                                                                 15.7
                                                        22.3
  [76681]
            15.3
                  15.0
                        14.8
                               14.5
                                     14.3
                                           15.7
                                                  19.3
                                                              24.0
                                                                    25.3
                                                                           26.0
                                                                                 26.3
##
  [76693]
            26.1
                  25.8
                         25.2
                               23.8
                                     19.9
                                           18.5
                                                  17.7
                                                        17.0
                                                              16.6
                                                                    16.1
                                                                           15.4
                                                                                 15.3
##
  [76705]
            15.1
                  14.9
                         14.8
                               14.7
                                     14.6
                                           16.2
                                                  19.0
                                                        20.8
                                                              22.5
                                                                    23.8
                                                                           24.8
                                                                                 25.6
##
  [76717]
            26.4
                  26.5
                         26.3
                               25.2
                                     21.9
                                           19.7
                                                  18.8
                                                        18.3
                                                              17.2
                                                                    16.6
                                                                           16.3
                                                                                 15.8
                                                        22.9
  [76729]
            15.3
                  15.0
                         14.8
                               14.7
                                     14.6
                                           16.9
                                                 20.2
                                                              24.6
                                                                    26.0
                                                                           26.9
                                                                                 27.3
  [76741]
            27.5
                  27.1
                         26.2
                               24.6
                                     21.3
                                           20.1
                                                 19.7
                                                        18.9
                                                              18.2
                                                                    17.9
                                                                           17.1
                                                                                 16.4
                                                        23.4
   [76753]
            15.9
                  15.6
                         16.3
                               16.4
                                     16.2
                                           17.4
                                                 20.9
                                                              25.5
                                                                    27.2
                                                                           27.9
                                                                                 28.2
            28.6
                  28.1
                        27.2
                               25.6
                                     22.6
                                           21.2 20.6
                                                        20.2
                                                              19.7
                                                                    19.0
                                                                          18.8
##
  [76765]
                                                                                 18.5
## [76777]
            18.0
                  17.6
                        17.1
                               16.8
                                     15.7
                                           17.2
                                                 20.7
                                                        22.9
                                                              24.3
                                                                    25.4
                                                                           26.1
## [76789]
            26.3
                  26.1
                         25.4
                               24.0
                                     20.9
                                           19.5
                                                  18.6
                                                        17.9
                                                              17.3
                                                                    16.8
                                                                           16.5
                                                                                 16.4
  [76801]
            17.1
                  16.9
                         16.4
                               15.8
                                     15.4
                                           15.3
                                                  15.5
                                                        16.0
                                                              18.1
                                                                    18.7
                                                                           20.2
                                                                                 21.0
                               20.5
  [76813]
            21.5
                  21.6
                        21.4
                                     17.6
                                           15.9
                                                 14.9
                                                        14.4
                                                              14.3
                                                                    14.0
                                                                          13.5
                                                                                 13.0
##
                  14.4
                        13.3
                               11.4
                                     11.6
                                           13.2
                                                 15.5
                                                        16.8
                                                              18.0
                                                                    19.3
  [76825]
            12.7
                                                                           20.6
  [76837]
            21.4
                  21.3
                        20.8
                              19.7
                                     17.3
                                           16.3
                                                 15.6
                                                       15.0
                                                              14.6
                                                                    14.0
                                                                          13.7
                                                                                 13.6
                               12.5
                                     12.2
                                           13.2
                                                 17.4
                                                        19.9
  [76849]
            13.2
                  12.9
                        12.8
                                                              21.6
                                                                    23.1
                                                                           24.0
                                                                                 24.5
  [76861]
                  25.0
                               22.6
                                     20.3
                                           20.1
                                                 19.6
                                                        19.2
                                                              19.4
                                                                    19.5
##
            25.3
                         24.0
                                                                          19.1
                                                                                 19.2
                                     17.6
                                           18.6
                                                        19.9
                                                              20.0
  [76873]
            18.3
                  18.3
                        17.8
                               17.6
                                                 19.2
                                                                    19.6
                                                                          18.3
                         22.8
                                     20.8
                                                        16.0
## [76885]
            23.6
                  23.6
                               21.5
                                           18.4
                                                  16.9
                                                              15.5
                                                                    15.0
                                                                          14.6
                                                                                 14.1
##
  [76897]
            13.9
                  13.4
                        13.2
                               13.0
                                     12.8
                                           14.1
                                                  17.0
                                                        18.4
                                                              19.7
                                                                    20.5
                                                                           21.0
                                                                                 21.3
  [76909]
                         20.1
                                           15.9
                                                 15.0
                                                        14.5
                                                              14.0
                                                                    13.5
                                                                                 13.0
            20.9
                  20.7
                               18.9
                                     16.7
                                                                          13.3
## [76921]
            12.7
                  12.5
                        12.3
                               12.0
                                     11.7
                                           12.8
                                                 16.1
                                                        18.4
                                                              20.2
                                                                    21.6
                                                                           22.4
                                                                                 22.3
## [76933]
            20.2
                  20.2
                         20.5
                               19.2
                                     18.5
                                           18.3
                                                  16.7
                                                        16.3
                                                              15.4
                                                                    15.0
                                                                           15.1
                                                                                 15.0
## [76945]
            15.0
                  15.2
                         15.5
                               15.6
                                     16.2
                                           16.9
                                                 19.5
                                                        22.0
                                                              23.3
                                                                    23.0
                                                                           22.0
                                                                                 20.0
## [76957]
            23.3
                  22.9
                        22.5
                               21.9
                                     19.5
                                           19.0
                                                 19.0
                                                       18.2
                                                              18.6
                                                                    18.9
                                                                          19.4
                                                                    23.2
## [76969]
            19.9
                  20.0
                        19.7
                               19.6
                                     19.3
                                           19.4
                                                 20.7
                                                        22.1
                                                              22.5
                                                                          23.4
                                                                                23.6
## [76981]
            24.6
                  24.1
                        23.4 22.0
                                     20.7
                                           20.5 19.6 19.1 18.2 17.2 17.4
```

```
## [76993]
           13.4 12.4 11.5 10.7 10.1 11.0 13.2 15.0 16.8 18.1 19.3 20.6
## [77005]
           21.5
                22.0 22.0 20.7
                                  18.4 16.8 15.8 15.4 15.0 14.4 13.9
                                                                          13.7
           13.3
## [77017]
                12.8 12.4 11.6
                                 11.4 12.6 15.2 16.4 17.4 18.3 19.1
                                      15.0 14.5 14.0 13.4 12.9 12.6
## [77029]
           19.6
                19.4 18.9
                            17.5
                                  15.8
## [77041]
           12.0
                11.7 12.9
                           12.3
                                  12.1
                                       11.4 13.8
                                                  15.3 16.1 16.7
                                                                    17.1
## [77053]
           18.3 18.1 17.6 16.6 15.0 14.1 13.5 13.1 12.8 12.9 12.7
                                                                          12.5
                12.2 12.1
                            12.2
                                 12.4
                                       13.5 15.9 17.8 19.4 20.5 20.6 20.8
## [77065]
           12.3
## [77077]
           20.4
                20.2 19.7
                                 16.7
                                       16.0
                                            15.1 14.5 14.2 14.1 14.1
                            18.4
                                                                         14.5
## [77089]
           14.5
                14.1
                      14.0
                            13.9
                                  14.6
                                       14.6 15.6 15.7 16.8 17.4 18.0
                                                                         17.3
                      15.6
                                  13.0
                                      12.0 11.0 10.5 10.1
                                                                     9.6
## [77101]
           16.6
                15.7
                            14.7
                                                               9.8
                                                                          9.4
## [77113]
            9.4
                 9.3
                       8.8
                             8.5
                                  8.3
                                        9.7
                                            11.2 12.6
                                                        13.9 14.3 15.0
                                                                         15.0
## [77125]
           15.2
                14.1
                      13.4
                            12.7
                                  12.1
                                       11.3
                                            10.7
                                                    9.9
                                                         9.4
                                                               9.1
                                                                     8.9
                                                                          9.8
## [77137]
           9.8
                 9.1
                       8.0
                             7.7
                                  7.9
                                        8.8 11.1 12.8 14.1
                                                              14.5
                                                                    15.8 16.5
                                       12.2
                                            11.6 11.1 10.6 10.3
## [77149]
           16.1
                16.4
                      15.8
                            14.6
                                  13.0
                                                                     9.9
                                                                          9.4
## [77161]
            9.0
                 8.7
                       8.6
                             8.4
                                  8.5
                                       10.7
                                             12.9 13.9 14.8 15.1 17.1 17.5
## [77173]
           17.9
                 17.6
                      17.0
                            15.7
                                  14.1
                                       13.5
                                             13.2
                                                   13.1 12.6 12.3
                                                                    12.4
                                                                          13.0
## [77185]
           13.0
                12.8
                      12.7
                            12.5
                                  12.4
                                       12.8 14.6 15.5 16.1 16.5 18.3
                                                                         18.7
## [77197]
           19.1
                19.0
                      18.4
                            17.2
                                  15.2
                                       14.5 14.0 13.8 13.8 13.6 13.1
## [77209]
           12.5
                12.6 12.5
                            12.4
                                  12.5
                                       13.0 15.9 18.1 19.6 21.1 21.8 22.2
## [77221]
           21.4
                20.7
                      19.9
                            18.6
                                  17.8
                                       17.9 17.8 17.8 17.6 17.5 17.3 17.1
## [77233]
           16.8
                16.6 16.4
                           16.2
                                 16.0 16.3 17.8 19.2 20.1 21.0 21.8 22.0
## [77245]
           20.4
                20.0
                      19.3
                            18.0
                                  16.4
                                       15.7
                                            15.2 14.9 14.4 13.7 13.2 12.8
## [77257]
           13.1
                13.6 13.2
                           13.2 13.2
                                       12.6 14.3 15.9 17.3 18.3 18.8 19.1
## [77269]
           19.5
                18.8 17.8
                            16.2
                                 14.9
                                       14.0 13.1 12.7 12.3 12.1 11.8
## [77281]
           11.0
                10.5 10.0
                             9.6
                                  9.3
                                        9.5 11.8 13.5 14.8 15.5 15.9
                                                                          16.1
                      16.0
## [77293]
           17.1
                16.7
                           14.7
                                 13.6
                                       13.4 12.8 12.2 11.7
                                                              11.2 12.0
## [77305]
           12.6
                13.3
                      13.3
                            13.0
                                 12.9
                                       12.9
                                             13.9 14.4 15.3 16.0 16.4
                                                                         16.5
## [77317]
           16.5
                16.4
                            16.0
                                  15.7
                                       13.6 12.6 12.2 13.6 13.8 12.3
                      16.1
                                                                         12.5
## [77329]
           12.0
                12.0
                      11.3
                            12.0
                                 12.7
                                       11.4 13.7
                                                  14.8 15.6 16.2 16.3 16.3
## [77341]
           15.2
                15.8
                      15.0
                            13.7
                                  12.9
                                       12.3 11.3 10.6 10.7
                                                              10.1
                                                                    10.2
## [77353]
           10.1
                 10.5
                       9.9
                             9.7
                                   9.6
                                        9.6
                                             11.0
                                                  12.1
                                                        13.1
                                                              13.3
                                                                    13.7
                                                                          13.9
## [77365]
           15.3
                14.9
                      14.2
                            13.0
                                  12.2
                                       11.5
                                             11.1
                                                  10.6
                                                         9.9
                                                               9.9
                                                                     9.5
                                                                          9.1
## [77377]
            9.0
                 8.3
                       8.0
                             7.6
                                  7.3
                                        8.4
                                              9.2
                                                  10.1 11.2
                                                              12.9
                                                                    14.0
                                                                          15.4
## [77389]
           15.5
                15.4
                      14.9
                            13.2
                                  12.3
                                       11.5 10.9 10.4 10.0
                                                               9.5
                                                                     8.9
                                                                          8.8
## [77401]
           8.3
                 8.1
                       8.4
                             8.6
                                  8.8
                                        8.2
                                             10.7
                                                   13.4
                                                        14.7
                                                              15.3
                                                                    15.9
                                                                          16.3
## [77413]
           16.7
                16.5
                      15.9
                            13.7
                                  12.4
                                       11.6
                                            10.9
                                                  10.4 10.1
                                                               9.8
                                                                     9.6
                                                                          9.3
## [77425]
            9.2
                 8.3
                       8.5
                             9.0
                                  9.1
                                        9.1
                                             10.0
                                                   10.9
                                                        12.0
                                                              13.2
                                                                    14.0
                                                                          14.4
## [77437]
           14.7
                 14.5
                      13.3
                            10.8
                                   9.1
                                        8.4
                                              8.5
                                                    8.6
                                                         8.2
                                                               7.7
                                                                     6.5
                                                                          6.3
## [77449]
           5.7
                 5.4
                       4.9
                             4.5
                                   4.4
                                        6.2
                                              8.4
                                                    9.8
                                                        11.2
                                                              12.1
                                                                    12.8
                                                                          13.4
## [77461]
           13.6
                13.5
                      13.0
                            11.2
                                   9.1
                                        8.3
                                              8.3
                                                    8.1
                                                         7.9
                                                               7.7
                                                                     7.5
                                                                          7.1
## [77473]
            6.8
                 6.5
                       6.3
                             6.4
                                   6.7
                                        6.9
                                              9.1
                                                  12.1
                                                        13.8
                                                              14.9 15.7
                                                                          16.0
## [77485]
           15.3
                14.9
                      14.1
                            11.9
                                  10.1
                                        9.6
                                              9.2
                                                    8.7
                                                         8.3
                                                               7.9
                                                                    7.8
                                                                          7.6
## [77497]
           7.7
                             9.5
                                   9.6
                                        9.9
                                             12.9
                                                  14.9 16.6
                 8.4
                       9.1
                                                              17.9 18.7
                                                                          19.1
## [77509]
           19.5
                19.3
                           16.6
                                            15.3 14.1 13.7
                                                              13.5
                      18.3
                                  16.4
                                       15.8
                                                                   14.3 13.5
           14.5
                14.2
                                 14.0
                                       13.3
                                             14.2 13.9 13.8
## [77521]
                      14.1
                            14.2
                                                              14.6 16.0
                                                  12.2 12.3
                                                              12.4
                                                                         12.5
## [77533]
           14.2
                13.9
                      13.1
                            11.8
                                 11.3
                                       11.9
                                             12.1
                                                                   12.5
## [77545]
           12.8
                12.9
                      12.9
                            12.9
                                  12.9
                                       12.9
                                             13.8 14.9
                                                        16.4 16.9
                                                                   17.1
                                                                         17.0
## [77557]
                            15.6
                                  14.7
                                       14.2 14.4 14.7 14.5
                                                              14.7 14.6
                                                                         14.5
           17.9
                17.7
                      17.5
## [77569]
           14.4 14.6 14.4
                            14.0
                                  13.9
                                       14.0 15.5 17.3 18.7
                                                              20.0 20.5 20.6
## [77581]
           21.4
                21.1
                      20.2
                            18.3
                                  17.5
                                       17.1
                                            17.0 17.0 17.0 17.0 17.0 17.2
## [77593]
           17.2
                17.2
                      17.0
                            17.1
                                  16.8
                                       17.0 17.8 19.3 20.7 21.6 22.2 22.4
           22.5 22.1 21.4 20.0
                                 18.9 18.4 17.9 17.8 17.6 17.7 17.9 17.8
## [77605]
## [77617]
           17.9 18.2 18.4 18.1 18.2 18.2 19.3 20.8 21.9 22.5 23.1 23.5
           24.4 21.7 22.2 21.3 20.6 20.3 20.2 20.1 19.9 19.5 19.1 18.8
## [77629]
```

```
## [77641]
             18.4
                   18.1 17.8 17.7 17.6
                                             17.6 18.6 19.6 20.9 21.6 22.3
                                                                         15.1
             22.3
                   22.1
                          20.9
                                 19.7
                                       19.0
                                              13.8
                                                     14.4
                                                           14.5
                                                                  14.1
                                                                               15.6
                                                                                      14.4
   [77653]
   [77665]
             13.7
                   13.7
                          13.2
                                 14.2
                                       13.6
                                              12.1
                                                     13.7
                                                           15.0
                                                                  15.8
                                                                         16.4
                                                                               17.0
                                                     13.8
                                                                  13.9
   [77677]
             18.2
                   17.7
                          16.6
                                 15.3
                                       14.5
                                              14.1
                                                           13.7
                                                                         15.0
                                                                                15.9
                                                                                      15.2
   [77689]
             14.6
                   14.4
                          13.8
                                 13.2
                                       12.4
                                              12.3
                                                     14.8
                                                           16.2
                                                                  17.2
                                                                         18.0
                                                                                18.4
                                                                                      18.7
   [77701]
             19.1
                   18.5
                                 15.9
                                       14.8
                                              14.0
                                                     13.4
                                                           13.0
                                                                  12.6
                                                                         12.4
                                                                               12.1
##
                          17.7
                                                                                      12.1
                          12.8
                                 13.3
                                       13.6
                                              13.8
                                                     15.5
                                                           17.0
                                                                  18.4
                                                                         19.1
                                                                               19.5
   [77713]
             12.1
                   12.2
             20.3
                   20.2
                          19.3
                                                     16.5
                                                           17.1
                                                                  16.8
                                                                         16.4
## [77725]
                                 17.8
                                       17.0
                                              16.6
                                                                               14.7
                                                                                      15.2
##
   [77737]
             14.9
                   14.6
                          14.2
                                 13.8
                                       13.3
                                              13.0
                                                     14.2
                                                           15.0
                                                                   15.4
                                                                         15.5
                                                                                15.2
                                                                                      15.1
                                                                                 7.2
                                                                                        6.5
##
   [77749]
             16.6
                   15.9
                          14.9
                                 13.3
                                       12.2
                                              11.9
                                                     11.8
                                                            11.0
                                                                   9.2
                                                                          8.1
   [77761]
              5.9
                     5.3
                           4.9
                                  4.4
                                         4.2
                                               3.9
                                                      5.0
                                                             6.5
                                                                   8.1
                                                                          9.4
                                                                                 9.9
                                                                                      10.3
                                                                    7.0
                                                                          7.8
                                                                                 7.7
                                                                                       7.5
   [77773]
             11.7
                   11.3
                          10.5
                                  9.1
                                         8.7
                                               8.4
                                                      8.1
                                                             7.4
##
##
  [77785]
              7.2
                     6.8
                           5.5
                                  5.1
                                         4.9
                                               4.8
                                                      6.2
                                                             7.3
                                                                   8.3
                                                                          9.4
                                                                                10.2
                                                                                      10.6
## [77797]
                                  8.0
             10.7
                    10.4
                           9.7
                                         7.4
                                               8.0
                                                      6.8
                                                             5.7
                                                                    4.9
                                                                          4.3
                                                                                 3.8
                                                                                        3.4
## [77809]
              2.9
                     2.4
                                  1.3
                                         0.9
                                               0.6
                                                      3.0
                                                             5.5
                                                                    6.9
                                                                          7.9
                                                                                 8.8
                                                                                        9.3
                           1.8
   [77821]
              8.8
                     8.7
                           8.1
                                  5.9
                                         4.8
                                               4.3
                                                      4.4
                                                             4.4
                                                                    4.1
                                                                          4.0
                                                                                 3.9
                                                                                        3.9
   [77833]
              3.8
                     3.8
                           3.8
                                                      5.3
                                                             7.7
                                                                   9.4
                                                                         10.9
                                                                                12.1
                                                                                      12.8
##
                                  3.5
                                         3.5
                                               3.8
   [77845]
             11.5
                   11.1
                          10.1
                                  7.9
                                         7.0
                                               6.3
                                                      5.6
                                                             5.2
                                                                    4.9
                                                                          4.6
                                                                                 4.4
                                                                                        4.2
                                                                  11.9
   [77857]
                     4.0
                                                             9.8
                                                                         13.8
                                                                                      15.8
              4.1
                           4.0
                                  3.9
                                         4.0
                                               4.3
                                                      6.6
                                                                                15.1
   [77869]
             14.9
                   14.4
                          13.1
                                 10.3
                                         9.5
                                               8.5
                                                      7.8
                                                             7.1
                                                                   6.6
                                                                          6.6
                                                                                 6.4
                                                                                       6.3
                                                      7.8
## [77881]
              6.0
                    5.9
                           5.9
                                  5.8
                                         5.7
                                               5.6
                                                            10.9
                                                                   12.9
                                                                         14.3
                                                                                15.5
                                                                                      16.0
## [77893]
             16.6
                   15.9
                          14.5
                                 11.8
                                        10.7
                                               9.6
                                                      8.9
                                                             8.2
                                                                   7.6
                                                                          7.4
                                                                                 7.4
                                                                                        7.3
   [77905]
              7.3
                    7.2
                           7.9
                                  8.4
                                         8.6
                                               8.9
                                                            10.1
                                                                  11.0
                                                                         11.8
                                                                                12.4
                                                                                      12.9
##
                                                      9.5
   [77917]
             14.2
                   14.1
                          13.3
                                 10.9
                                       10.1
                                               9.7
                                                      9.3
                                                             9.4
                                                                  10.9
                                                                          9.1
                                                                                 9.5
##
                                                                                        9.1
              8.9
                                                      8.9
                                                                  10.6
                                                                               12.3
                                                                                      12.5
##
  [77929]
                     8.9
                           8.8
                                  8.6
                                         8.6
                                               8.5
                                                             9.8
                                                                         11.4
   [77941]
             14.4
                   13.9
                          13.1
                                 11.6
                                       11.1
                                              11.4
                                                     11.0
                                                            10.7
                                                                  10.4
                                                                         10.0
                                                                                 9.7
                                                                                       9.5
   [77953]
              9.3
                     9.1
                           9.0
                                  8.9
                                         8.8
                                               8.7
                                                      9.0
                                                             9.8
                                                                  10.7
                                                                         11.5
                                                                                11.8
                                                                                      11.9
##
   [77965]
                   12.7
                                 10.5
                                                                  10.8
##
             13.1
                          12.0
                                        10.1
                                              10.0
                                                     11.1
                                                            11.0
                                                                         10.5
                                                                                 9.3
                                                                                       9.0
  [77977]
              8.0
                    7.7
                           7.5
                                  7.2
                                         7.1
                                               6.8
                                                      8.1
                                                             9.9
                                                                  11.3
                                                                         11.8
                                                                                12.2
                                                                                      12.4
##
   [77989]
             13.5
                   12.9
                          12.0
                                 11.2
                                         9.9
                                              10.8
                                                     10.9
                                                             9.5
                                                                   9.0
                                                                          9.0
                                                                                 8.6
                                                                                        8.6
                                               7.4
##
   [78001]
              7.5
                    8.0
                           8.1
                                  8.1
                                         7.6
                                                      8.4
                                                            10.0
                                                                   10.9
                                                                         11.7
                                                                                12.2
                                                                                      12.5
##
   [78013]
             13.3
                   12.9
                          12.1
                                 10.0
                                         9.1
                                               8.7
                                                      8.2
                                                             8.0
                                                                   8.1
                                                                          8.0
                                                                                 7.6
                                                                                       7.2
   [78025]
              7.0
                     6.3
                           5.8
                                  5.2
                                         5.2
                                               5.2
                                                      5.9
                                                             8.7
                                                                   11.2
                                                                         13.1
                                                                                14.5
                                                                                      15.4
   [78037]
                   15.6
                          14.7
                                 12.6
                                        11.4
                                              10.7
                                                     10.0
                                                             9.6
                                                                   9.3
                                                                          9.0
                                                                                 8.7
                                                                                       8.3
             15.8
   [78049]
              8.2
                    8.0
                           7.7
                                  7.7
                                         7.9
                                               8.0
                                                      8.6
                                                            10.8
                                                                  12.4
                                                                         14.3
                                                                                15.6
                                                                                      16.1
                                                                                10.1
  [78061]
             16.8
                   16.4
                          15.2
                                 13.2
                                       11.7
                                              10.9
                                                     10.5
                                                            10.6
                                                                  10.5
                                                                         10.5
                                                                                       9.8
##
## [78073]
              9.9
                     9.7
                           9.6
                                  9.7
                                         9.8
                                              10.4
                                                     10.7
                                                            11.2
                                                                  12.8
                                                                         14.7
                                                                                15.4
  [78085]
             16.3
                   15.6
                          15.6
                                 15.3
                                       15.2
                                              14.9
                                                     14.8
                                                           14.4
                                                                  14.1
                                                                         13.8
                                                                                14.1
                                                                                      14.1
   [78097]
             13.8
                   12.9
                          13.1
                                 13.4
                                       14.6
                                              14.4
                                                     14.0
                                                            14.5
                                                                   14.0
                                                                         13.6
                                                                                13.4
                                                                                      13.4
   [78109]
             14.0
                   12.3
                          11.6
                                 10.7
                                        10.6
                                              10.2
                                                      9.5
                                                             8.9
                                                                   8.5
                                                                          7.7
                                                                                 6.8
                                                                                        6.3
##
  [78121]
                           3.9
                                  3.5
                                                                    3.4
                                                                          4.7
                                                                                 5.2
              5.9
                     4.6
                                         3.3
                                               3.1
                                                      3.0
                                                             3.1
                                                                                        5.1
## [78133]
              7.7
                     7.5
                           7.1
                                  6.3
                                         5.3
                                               4.6
                                                      4.2
                                                             3.8
                                                                   3.4
                                                                          2.9
                                                                                 2.8
                                                                                        2.3
## [78145]
              1.9
                     2.0
                           2.1
                                  1.9
                                         1.4
                                               1.7
                                                      2.0
                                                             2.6
                                                                    3.6
                                                                          4.4
                                                                                 5.0
                                                                                        5.5
              6.0
                                  3.5
                                                                                 0.2
## [78157]
                     5.7
                           4.8
                                         2.7
                                               2.1
                                                      1.5
                                                             1.0
                                                                    0.7
                                                                          0.3
                                                                                        0.1
## [78169]
                     0.0
              0.1
                           0.0
                                  0.0
                                         0.0
                                              -0.1
                                                      0.9
                                                             2.7
                                                                    4.2
                                                                          4.2
                                                                                 4.6
                                                                                        5.8
              4.4
                                  2.6
                                         2.4
                                               2.4
                                                                    2.3
                                                                          2.2
                                                                                 2.4
                                                                                        2.4
## [78181]
                     4.5
                           4.0
                                                      2.5
                                                             2.4
##
   [78193]
              2.6
                     2.3
                           2.2
                                  2.1
                                         2.0
                                               1.9
                                                      3.5
                                                             6.4
                                                                    8.3
                                                                         10.5
                                                                                11.1
                                                                                      11.9
## [78205]
                                                             8.8
                                                                                 6.7
                                                                                        7.0
             12.4
                    12.3
                          11.7
                                 10.8
                                        10.6
                                               10.1
                                                      9.7
                                                                   8.6
                                                                          8.0
## [78217]
              6.4
                     5.5
                           4.4
                                  3.3
                                         2.2
                                               1.7
                                                      2.2
                                                             4.4
                                                                   5.6
                                                                          6.5
                                                                                 7.2
                                                                                        7.8
## [78229]
              8.8
                     8.8
                           8.1
                                  5.9
                                         5.0
                                               4.8
                                                      4.7
                                                             4.7
                                                                    4.3
                                                                          3.9
                                                                                 3.6
                                                                                        3.5
                           1.6
                                  1.2
## [78241]
              3.2
                     2.9
                                         1.2
                                               1.4
                                                      2.5
                                                             5.1
                                                                   7.1
                                                                          7.8
                                                                                 8.3
                                                                                        8.6
## [78253]
              8.7
                     8.4
                           7.9
                                  6.9
                                         6.5
                                               6.4
                                                      6.5
                                                             6.5
                                                                   5.9
                                                                          5.0
                                                                                 4.7
                                                                                        4.6
## [78265]
              4.1
                     3.9
                           4.4
                                  4.8
                                         3.9
                                               4.4
                                                      4.4
                                                             6.4
                                                                    7.5
                                                                          8.1
                                                                                 8.5
                                                                                        8.6
## [78277]
              8.3
                     8.0
                           7.3
                                  6.1
                                         5.7
                                               5.4
                                                      5.0
                                                             4.6
                                                                    4.3
                                                                          4.3
                                                                                 3.8
                                                                                        3.5
```

```
## [78289]
               3.0
                      2.6
                             1.9
                                    2.4
                                           2.3
                                                  1.7
                                                         2.1
                                                                4.7
                                                                       6.1
                                                                              7.7
                                                                                    9.2
                                                                                            9.9
                                           5.7
   [78301]
              10.2
                    10.0
                             9.0
                                                        5.5
                                                                5.3
                                                                      5.3
                                                                                    5.4
                                                                                            5.2
                                    6.8
                                                 5.6
                                                                              5.6
   [78313]
               5.3
                      5.4
                             5.2
                                    5.6
                                           4.5
                                                  2.8
                                                         2.2
                                                                4.7
                                                                       6.0
                                                                              6.9
                                                                                    7.6
                                                                                            7.8
   [78325]
                                                                              2.8
               8.5
                      7.6
                             7.1
                                    6.2
                                           5.7
                                                 4.5
                                                         4.1
                                                                3.7
                                                                      3.4
                                                                                    2.5
                                                                                            2.0
##
##
   [78337]
               1.4
                      0.9
                             0.5
                                    0.2
                                          -0.1
                                                 -0.1
                                                         0.8
                                                                3.0
                                                                       4.6
                                                                              5.7
                                                                                    6.4
                                                                                            6.5
   [78349]
               6.8
                      6.5
                                    3.9
                                           3.4
                                                 3.0
                                                         2.8
                                                                       2.4
                                                                              2.6
                                                                                    2.6
                                                                                            2.4
##
                             5.7
                                                                2.7
                                           2.1
                                                  2.0
                                                                       8.1
                                                                              9.6
                                                                                   10.4
                                                                                          10.7
   [78361]
               2.4
                      1.9
                             1.8
                                    2.0
                                                         2.6
                                                                5.6
              12.2
                                                 7.8
                                                        7.6
                                                                7.2
                                                                      6.9
                                                                             6.8
                                                                                    7.9
                                                                                           7.0
   [78373]
                    11.7
                            11.1
                                  10.2
                                           8.6
##
   [78385]
               6.3
                      6.2
                             6.0
                                    6.1
                                           5.8
                                                 5.7
                                                         6.6
                                                               8.3
                                                                     10.8
                                                                            12.5
                                                                                   13.5
                                                                                          14.1
                                                              10.4
                                                                                    8.9
##
   [78397]
              14.5
                     13.8
                            12.7
                                  11.2
                                         10.9
                                                10.6
                                                       10.4
                                                                      9.8
                                                                             9.4
                                                                                           8.2
   [78409]
               8.0
                      7.9
                             7.7
                                    7.5
                                          7.7
                                                 7.4
                                                        7.1
                                                               9.9
                                                                     12.4
                                                                            13.6
                                                                                   14.6
                                                                                          15.2
   [78421]
                    15.0
                            13.9
                                  11.7
                                         10.9
                                                10.0
                                                        9.0
                                                               8.3
                                                                      8.2
                                                                             8.1
                                                                                    8.7
                                                                                           9.7
              15.6
##
   [78433]
              10.0
                    10.3
                            10.3
                                  10.3
                                         10.5
                                                11.3
                                                       11.5
                                                              12.3
                                                                     13.1
                                                                            12.1
                                                                                   10.6
                                                                                          10.8
                                         10.8
                                                10.6
                                                                                    8.2
##
   [78445]
              11.6
                     11.9
                            11.5
                                  11.0
                                                       10.6
                                                              10.4
                                                                      9.3
                                                                             9.0
                                                                                           7.7
   [78457]
               7.7
                      7.3
                             6.8
                                    6.6
                                           6.4
                                                 7.4
                                                         6.9
                                                               7.4
                                                                      7.3
                                                                             4.5
                                                                                    1.8
                                                                                            3.5
   [78469]
               5.5
                      4.4
                             1.7
                                    1.9
                                           1.9
                                                  1.2
                                                        0.0
                                                              -0.8
                                                                     -1.5
                                                                            -1.8
                                                                                   -1.9
                                                                                          -1.9
              -2.0
                                  -2.2
                                                                0.4
                                                                              2.9
                                                                                    3.8
                                                                                            4.3
##
   [78481]
                    -2.1
                           -2.1
                                          -2.2
                                                -2.3
                                                       -1.7
                                                                       1.8
   [78493]
               4.5
                      4.6
                             4.1
                                    2.5
                                           1.7
                                                  1.3
                                                         1.3
                                                                0.9
                                                                       0.7
                                                                              0.2
                                                                                    0.1
                                                                                            0.1
   [78505]
                      0.7
                                                 2.7
                                                         3.7
                                                                5.8
                                                                      7.2
                                                                             8.3
                                                                                           8.6
##
               0.2
                             1.1
                                    2.4
                                           2.6
                                                                                    9.4
##
   [78517]
               8.2
                      6.8
                             6.2
                                    5.3
                                           4.8
                                                 3.6
                                                         2.7
                                                                2.2
                                                                      3.0
                                                                              1.9
                                                                                    1.0
                                                                                            0.7
##
   [78529]
               0.3
                      0.0
                             0.0
                                    0.2
                                           0.1
                                                -0.1
                                                         0.3
                                                                2.1
                                                                      3.1
                                                                             4.1
                                                                                    4.6
                                                                                           5.0
   [78541]
               5.0
                      4.6
                             3.8
                                    1.9
                                           1.1
                                                 0.6
                                                         0.1
                                                              -0.5
                                                                      -0.7
                                                                            -1.0
                                                                                   -1.3
                                                                                          -1.5
##
                                                              -0.1
   [78553]
              -1.5
                    -1.6
                                         -1.9
                                                -1.8
                                                       -1.6
                                                                       1.4
                                                                              2.8
                                                                                    3.9
                                                                                            4.4
##
                            -1.5
                                  -1.8
   [78565]
                      4.2
                             3.6
                                           0.7
                                                -0.4
                                                       -0.4
                                                              -0.6
                                                                     -0.7
                                                                            -0.9
                                                                                   -0.8
                                                                                          -0.7
##
               4.4
                                    1.6
              -0.5
                            -0.1
                                                -0.1
                                                                3.3
                                                                       4.4
                                                                              5.1
                                                                                    5.6
                                                                                            5.6
##
   [78577]
                    -0.4
                                    0.0
                                           0.0
                                                         0.5
   [78589]
               5.7
                      5.3
                             4.4
                                    2.2
                                           1.4
                                                 1.1
                                                         0.8
                                                                0.5
                                                                       0.4
                                                                              0.7
                                                                                    1.1
                                                                                           0.8
   [78601]
               0.3
                             0.1
                                    0.1
                                           0.1
                                                 0.1
                                                         0.5
                                                                3.4
                                                                      5.1
                                                                             5.8
                                                                                    6.5
                                                                                            6.7
##
                      0.1
   [78613]
##
               7.0
                      6.8
                             5.9
                                    3.3
                                           2.4
                                                  2.6
                                                         3.3
                                                                2.6
                                                                       2.1
                                                                              1.9
                                                                                    1.9
                                                                                            1.9
   [78625]
               2.0
                      1.9
                             1.8
                                    1.8
                                           1.4
                                                 0.9
                                                         1.2
                                                                4.0
                                                                       5.8
                                                                              6.7
                                                                                    7.2
                                                                                            7.7
##
   [78637]
               8.3
                      8.1
                             7.3
                                    5.4
                                           4.6
                                                  4.9
                                                         5.3
                                                                5.2
                                                                       3.9
                                                                              3.2
                                                                                    1.8
                                                                                            1.6
##
   [78649]
               1.1
                      1.6
                             1.5
                                    1.4
                                           1.0
                                                 0.5
                                                        0.3
                                                                1.6
                                                                       3.0
                                                                             4.3
                                                                                    5.3
                                                                                            6.0
##
   [78661]
               5.7
                      5.2
                             4.9
                                    4.1
                                           2.9
                                                  2.1
                                                         2.1
                                                                1.0
                                                                       0.1
                                                                            -0.7
                                                                                   -1.1
                                                                                          -1.3
   [78673]
              -1.5
                     -1.7
                            -1.7
                                  -1.8
                                          -1.9
                                                 -2.0
                                                       -1.8
                                                              -0.3
                                                                       1.3
                                                                              2.9
                                                                                    4.0
                                                                                            5.1
   [78685]
                                                        3.1
                                                                2.9
                                                                       2.6
                                                                              2.2
##
               6.1
                      6.0
                             5.2
                                    3.8
                                           3.4
                                                 3.2
                                                                                    1.8
                                                                                            1.6
   [78697]
               1.5
                      1.5
                             1.5
                                    1.8
                                           1.9
                                                  2.0
                                                         2.0
                                                                3.4
                                                                       5.1
                                                                              6.7
                                                                                    7.5
                                                                                            7.6
##
                                                        5.3
                                                                      4.6
   [78709]
                      7.9
                             7.4
                                    6.8
                                           6.3
                                                 5.8
                                                                4.9
                                                                                    3.8
                                                                                            3.5
##
               8.1
                                                                             4.1
   [78721]
               2.9
                      2.3
                             2.1
                                    1.8
                                           1.6
                                                  1.7
                                                         0.8
                                                                2.3
                                                                       3.7
                                                                             5.0
                                                                                    6.2
                                                                                            6.9
   [78733]
               6.6
                      7.0
                             7.0
                                    6.4
                                           3.7
                                                 2.9
                                                         1.9
                                                                1.9
                                                                       1.1
                                                                              0.5
                                                                                    0.1
                                                                                            1.3
##
   [78745]
               2.2
                      2.1
                             2.1
                                    1.9
                                           1.6
                                                 0.1
                                                         0.5
                                                                2.9
                                                                       7.0
                                                                            10.8
                                                                                   10.4
                                                                                          10.1
##
               9.3
                      9.3
                                                  6.4
                                                        7.2
                                                                6.5
                                                                             5.0
                                                                                    5.1
                                                                                            4.8
##
   [78757]
                             8.1
                                    6.3
                                           6.5
                                                                      5.7
   [78769]
               4.2
                      3.7
                                                                5.8
                                                                       7.5
                                                                              6.6
                                                                                            7.8
                             3.5
                                    3.3
                                           3.1
                                                  3.0
                                                         3.3
                                                                                    6.1
   [78781]
               8.1
                      8.1
                             7.2
                                    5.3
                                           4.3
                                                  3.5
                                                         2.7
                                                                2.3
                                                                       2.2
                                                                              2.0
                                                                                    1.8
                                                                                            1.7
##
##
   [78793]
               1.7
                      1.2
                             1.4
                                    1.6
                                           2.4
                                                  2.7
                                                         3.1
                                                                4.4
                                                                       6.3
                                                                             7.8
                                                                                    9.0
                                                                                           9.5
   [78805]
               9.2
##
                      8.9
                             7.9
                                    5.3
                                           4.5
                                                  5.0
                                                         5.7
                                                                6.5
                                                                       5.7
                                                                              4.8
                                                                                    3.4
                                                                                            2.8
##
   [78817]
               3.6
                      3.8
                             3.9
                                    4.0
                                           3.8
                                                  2.8
                                                         2.6
                                                                5.0
                                                                       5.9
                                                                              5.9
                                                                                    6.0
                                                                                            6.0
                      7.4
                             7.1
                                                                                    2.7
   [78829]
               7.1
                                    6.4
                                           6.3
                                                 6.3
                                                         5.1
                                                                3.9
                                                                       3.0
                                                                              3.1
                                                                                            2.6
##
##
   [78841]
               3.1
                      2.6
                             2.1
                                    1.7
                                           1.9
                                                  1.3
                                                        0.7
                                                                1.5
                                                                       2.5
                                                                             3.5
                                                                                    4.3
                                                                                            3.8
   [78853]
               3.4
                      3.0
                                                                                          -0.6
##
                             2.7
                                    2.2
                                           1.6
                                                  1.2
                                                         0.8
                                                                0.4
                                                                       0.2
                                                                            -0.1
                                                                                   -0.3
   [78865]
              -0.6
                     -0.9
                           -1.0
                                  -1.2
                                         -1.2
                                                -1.2
                                                       -0.5
                                                              -0.2
                                                                     -0.3
                                                                            -0.9
                                                                                   -0.6
                                                                                          -0.5
   [78877]
               0.8
                      0.3
                             0.1
                                  -0.4
                                         -0.5
                                                -0.6
                                                       -0.5
                                                              -0.7
                                                                     -1.1
                                                                            -1.2
                                                                                   -1.3
                                                                                          -1.5
   [78889]
                           -1.6
                                  -1.7
                                         -1.9
                                                -1.6
                                                       -1.4
                                                                     -0.6
                                                                            -0.3
                                                                                    0.0
##
              -1.6
                    -1.6
                                                              -1.1
                                                                                           0.1
   [78901]
              -0.3
                    -0.4
                           -0.5
                                  -0.9
                                         -0.7
                                                -0.4
                                                       -0.3
                                                              -0.1
                                                                     -0.1
                                                                             0.0
                                                                                    0.1
                                                                                          -0.3
                                          0.1
   [78913]
              -0.4
                     -1.0
                            -1.8
                                  -0.5
                                                 0.3
                                                         0.4
                                                                0.6
                                                                       0.8
                                                                              1.0
                                                                                    1.2
                                                                                            1.3
## [78925]
               0.7
                      0.9
                             1.4
                                    0.1
                                         -0.5
                                                -0.1
                                                         0.2
                                                                0.6
                                                                       1.0
                                                                              1.0
                                                                                    1.0
                                                                                            1.0
```

```
## [78937]
              0.7
                     0.9
                            1.5
                                   1.7
                                         1.8
                                                1.8
                                                       1.9
                                                              2.1
                                                                     2.8
                                                                            3.6
                                                                                  4.6
                                                                                         5.8
   [78949]
              6.3
                     6.8
                                                       4.5
                                                              4.6
                                                                                  3.3
                                                                                         3.4
##
                            6.9
                                   5.1
                                         5.5
                                                4.3
                                                                     4.3
                                                                           3.7
   [78961]
              3.6
                     4.4
                            4.6
                                   4.5
                                         4.7
                                                4.9
                                                       5.0
                                                              6.5
                                                                     8.0
                                                                           9.0
                                                                                 10.2
                                                                                        10.4
                                                                     7.4
                                                                                         7.1
   [78973]
             11.0
                    11.0
                           10.6
                                   9.9
                                         9.3
                                                9.3
                                                       8.6
                                                              7.6
                                                                           7.0
                                                                                  6.9
##
   [78985]
              7.4
                     7.4
                            7.3
                                   7.3
                                         7.2
                                                7.1
                                                       7.3
                                                              9.5
                                                                    10.9
                                                                          12.1
                                                                                 12.3
                                                                                        12.2
   [78997]
             12.9
                    12.7
                           12.0
                                 10.5
                                         9.5
                                                8.9
                                                       8.8
                                                              9.3
                                                                     9.6
                                                                           9.7
                                                                                  9.5
                                                                                        10.0
##
                    10.5
                           10.5
                                               10.9
                                                      10.9
   [79009]
             10.4
                                 10.7
                                        11.1
                                                             11.7
                                                                   11.4
                                                                          11.6
                                                                                 12.1
                          12.4
  [79021]
             12.3
                    12.4
                                 11.6
                                        10.4
                                               10.2
                                                      10.6
                                                             11.3
                                                                   11.6
                                                                          11.6
                                                                                 11.4
                                                                                        11.8
##
   [79033]
             12.0
                    11.4
                           11.3
                                 11.2
                                        11.1
                                               10.5
                                                       9.3
                                                              7.4
                                                                     6.5
                                                                           5.4
                                                                                  5.5
                                                                                         5.3
                                                            -4.2
##
   [79045]
              0.0
                    -0.5
                          -2.1
                                 -3.0
                                        -3.4
                                              -3.7
                                                      -4.0
                                                                   -4.4
                                                                          -4.8
                                                                                 -4.9
                                                                                        -5.2
   [79057]
             -5.6
                    -5.8
                          -6.1
                                 -6.2
                                        -6.4
                                              -6.3
                                                      -6.2
                                                             -5.8
                                                                   -5.4
                                                                          -4.5
                                                                                 -4.0
                                                                                        -3.6
                                                            -7.7
                                                                   -7.4
                                                                          -7.4
   [79069]
             -7.6
                    -8.0
                          -8.0
                                 -8.2
                                        -8.8
                                              -9.0
                                                      -8.2
                                                                                 -6.9
                                                                                        -6.4
##
                                                            -7.6
##
   [79081]
             -6.3
                    -7.3 -10.6 -10.2 -10.1 -10.0
                                                      -9.6
                                                                   -6.6
                                                                          -5.6
                                                                                 -4.8
                                                                                        -4.1
             -4.2
                    -4.2
                          -4.3
                                 -4.6
                                        -5.1
                                              -5.3
                                                      -7.0
                                                             -8.0
                                                                   -7.5
                                                                          -6.2
                                                                                 -4.3
##
   [79093]
                                                                                        -6.0
   [79105]
             -5.6
                    -5.4
                           -5.5
                                 -5.6
                                        -6.1
                                               -6.6
                                                      -5.8
                                                             -5.1
                                                                    -4.4
                                                                          -3.6
                                                                                 -2.8
                                                                                        -2.2
   [79117]
             -4.7
                    -4.4
                           -4.3
                                 -4.7
                                        -4.4
                                               -4.9
                                                      -5.3
                                                             -5.2
                                                                    -5.0
                                                                          -4.9
                                                                                 -4.9
                                                                                        -5.0
             -5.0
                    -5.0
                           -4.7
                                 -4.6
                                        -4.6
                                               -4.7
                                                      -4.6
                                                             -3.8
                                                                   -2.9
                                                                          -1.7
                                                                                 -0.6
                                                                                        -0.5
##
   [79129]
   [79141]
              0.5
                     0.9
                            1.5
                                   1.6
                                         1.5
                                               -0.3
                                                      -2.7
                                                             -3.6
                                                                    -3.6
                                                                          -3.5
                                                                                 -3.3
                                                                                        -2.8
                    -0.6
                           -0.9
                                                                                  3.0
  [79153]
                                        -0.5
                                                0.9
                                                       1.7
                                                              2.4
                                                                     2.5
                                                                           3.4
                                                                                         4.7
             -0.6
                                 -1.0
## [79165]
              1.1
                     1.5
                            4.6
                                   5.5
                                         5.8
                                                4.5
                                                       1.0
                                                              0.9
                                                                     1.0
                                                                            1.1
                                                                                  1.0
                                                                                         1.0
## [79177]
              1.4
                     2.1
                            2.9
                                   3.3
                                         0.1
                                               -0.7
                                                       0.4
                                                              1.7
                                                                     2.0
                                                                           5.0
                                                                                  5.3
                                                                                         5.8
## [79189]
              6.4
                     6.3
                            5.7
                                   3.4
                                         2.6
                                                2.3
                                                       2.6
                                                              3.6
                                                                     3.4
                                                                            3.3
                                                                                  3.0
                                                                                         2.4
                                                3.0
                                                                     6.8
## [79201]
              2.6
                     2.5
                            2.6
                                   2.4
                                         2.4
                                                       3.1
                                                              4.9
                                                                           8.0
                                                                                  8.8
                                                                                         9.2
   [79213]
             10.1
                     9.8
                                   7.9
                                         7.4
                                                7.3
                                                       7.5
                                                              7.6
                                                                     7.2
                                                                           6.9
                                                                                  6.9
                                                                                         7.0
##
                            9.1
## [79225]
              7.1
                     6.9
                            7.0
                                   7.3
                                         7.9
                                                8.4
                                                       8.8
                                                             10.4
                                                                    12.0
                                                                          12.3
                                                                                 13.1
                                                                                        12.0
   [79237]
             13.1
                    12.7
                           12.3
                                 12.2
                                        11.5
                                               10.7
                                                      10.3
                                                              9.8
                                                                     9.3
                                                                            6.3
                                                                                  6.4
                                                                                         5.4
   [79249]
              5.6
                     4.5
                            4.3
                                   4.4
                                         3.9
                                                2.9
                                                       2.2
                                                              3.4
                                                                     3.7
                                                                            3.8
                                                                                  5.2
                                                                                         5.8
##
                                                2.7
##
   [79261]
              4.4
                     5.0
                            4.5
                                   4.0
                                         3.3
                                                       2.6
                                                              2.5
                                                                     2.6
                                                                            2.7
                                                                                  2.9
                                                                                         3.2
              3.5
## [79273]
                     3.4
                            3.6
                                   3.5
                                         3.3
                                                3.0
                                                       2.8
                                                              3.6
                                                                     4.5
                                                                           4.4
                                                                                  4.5
                                                                                         5.4
   [79285]
              4.9
                     5.1
                            5.2
                                   5.3
                                         5.4
                                                5.7
                                                       5.8
                                                              5.9
                                                                     5.0
                                                                            5.7
                                                                                  5.8
                                                                                         6.0
##
   [79297]
              6.1
                     6.2
                            6.2
                                   7.0
                                         8.9
                                                7.6
                                                       8.6
                                                             10.3
                                                                    11.1
                                                                          11.4
                                                                                 11.0
                                                                                        10.7
##
   [79309]
             11.5
                    11.1
                           10.1
                                   9.5
                                         9.1
                                                9.0
                                                       8.7
                                                              8.1
                                                                     7.0
                                                                            6.6
                                                                                  6.4
                                                                                         6.0
   [79321]
              7.0
                     6.9
                            6.7
                                   6.9
                                         7.0
                                                7.3
                                                       7.5
                                                              8.0
                                                                     8.2
                                                                           8.7
                                                                                  9.4
                                                                                         8.5
   [79333]
              4.7
                                                              3.3
                                                                     3.2
                                                                            3.2
                                                                                  3.4
                                                                                         3.5
##
                     5.8
                            6.4
                                   5.7
                                         5.2
                                                4.6
                                                       3.8
   [79345]
              3.6
                     3.6
                            3.7
                                   3.9
                                         4.0
                                                4.1
                                                       4.4
                                                              5.2
                                                                     5.8
                                                                            6.3
                                                                                  6.3
                                                                                         6.4
                            5.6
## [79357]
              6.2
                     5.7
                                                4.9
                                                       4.6
                                                              4.2
                                                                                  3.9
                                                                                         3.8
                                   5.3
                                         5.1
                                                                     4.1
                                                                            4.0
## [79369]
              3.5
                     2.9
                            2.4
                                   1.7
                                         0.9
                                                0.6
                                                       0.4
                                                              1.3
                                                                     2.3
                                                                            3.5
                                                                                  4.9
                                                                                         5.2
## [79381]
              5.8
                     5.7
                            5.4
                                   4.6
                                         4.0
                                                2.6
                                                       1.8
                                                              0.1
                                                                    -0.1
                                                                            0.4
                                                                                  0.3
                                                                                        -0.1
   [79393]
             -0.4
                    -0.1
                           -0.2
                                 -0.3
                                        -0.3
                                               -0.5
                                                      -0.3
                                                              1.3
                                                                     2.3
                                                                            3.2
                                                                                  3.9
                                                                                         4.1
  [79405]
              4.6
                     4.5
                            4.0
                                   2.4
                                         1.2
                                                0.4
                                                       0.3
                                                              0.3
                                                                     0.4
                                                                            0.4
                                                                                         0.4
##
                                                                                  1.1
   [79417]
              0.2
                                                                     3.5
                                                                            3.9
                     0.2
                            0.4
                                   0.6
                                         0.7
                                                0.6
                                                       0.8
                                                              2.6
                                                                                  4.4
                                                                                         5.1
## [79429]
              4.5
                     4.3
                            3.9
                                   3.4
                                         3.2
                                                3.1
                                                       2.8
                                                              2.5
                                                                     2.4
                                                                            2.4
                                                                                  2.5
                                                                                         2.6
##
   [79441]
              2.6
                     2.6
                            2.8
                                   2.6
                                         2.5
                                                2.4
                                                       2.6
                                                              3.6
                                                                     4.4
                                                                           4.8
                                                                                  4.8
                                                                                         4.7
##
   [79453]
              6.0
                     5.8
                            5.6
                                   4.9
                                         4.2
                                                3.8
                                                       3.5
                                                              4.0
                                                                     3.6
                                                                            3.2
                                                                                  3.1
                                                                                         2.9
## [79465]
              2.9
                     2.8
                            2.7
                                   2.8
                                         3.0
                                                3.1
                                                       3.4
                                                              4.2
                                                                     4.6
                                                                            5.4
                                                                                  6.1
                                                                                         6.8
                     7.3
                                                                     5.2
## [79477]
              7.1
                            6.4
                                   5.7
                                         5.5
                                                5.4
                                                       5.2
                                                              5.0
                                                                            5.3
                                                                                  5.1
                                                                                         4.9
##
   [79489]
              5.0
                     5.1
                            5.3
                                   5.2
                                         4.3
                                                3.2
                                                       2.7
                                                              2.4
                                                                     2.3
                                                                           2.9
                                                                                  4.0
                                                                                         4.6
   [79501]
              5.2
                                                             -0.6
                     5.3
                            4.5
                                   2.8
                                         1.1
                                                0.4
                                                      -0.2
                                                                   -0.9
                                                                          -0.9
                                                                                 -1.1
                                                                                        -1.1
   [79513]
             -0.9
                    -1.0
                           -0.9
                                 -1.2
                                        -1.4
                                               -1.3
                                                      -0.9
                                                              0.1
                                                                     1.4
                                                                           2.4
                                                                                  2.7
                                                                                         3.1
   [79525]
              2.6
                     2.8
                            1.9
                                   0.2
                                        -1.3
                                               -1.7
                                                      -1.9
                                                             -2.3
                                                                    -2.7
                                                                          -3.1
                                                                                 -3.5
                                                                                        -3.7
                                               -4.6
                                                             -2.8
## [79537]
                           -4.2
                                 -4.4
                                        -4.5
                                                      -4.3
                                                                          -0.2
                                                                                  0.8
             -3.9
                    -4.1
                                                                    -1.4
                                                                                         1.5
                     2.0
                                                                   -0.9
## [79549]
              2.0
                            1.7
                                   0.6
                                        -0.5
                                               -0.8
                                                      -0.8
                                                            -0.9
                                                                          -0.8
                                                                                 -0.8
                                                                                        -0.6
                           -0.6
## [79561]
             -0.5
                    -0.7
                                 -0.6
                                        -1.0
                                               -1.5
                                                     -1.2
                                                              1.1
                                                                     2.5
                                                                           3.6
                                                                                  4.5
                                                                                         4.8
## [79573]
              3.6
                     3.5
                            2.9
                                   1.5
                                        -0.4
                                               -0.8
                                                      -1.0
                                                            -1.1
                                                                   -1.2
                                                                          -1.1
                                                                                 -1.0
                                                                                        -0.9
```

```
## [79585]
             -0.7
                    -0.4
                            0.1
                                   0.3
                                          0.1
                                               -0.2
                                                      -0.2
                                                              0.9
                                                                     2.3
                                                                            3.5
                                                                                   4.2
                                                                                          4.4
                     4.7
   [79597]
              4.9
                            4.2
                                          2.4
                                                              2.6
                                                                                   2.1
                                                                                          2.0
##
                                   3.3
                                                 2.7
                                                       2.8
                                                                     2.1
                                                                            2.0
   [79609]
              2.0
                     1.9
                            1.6
                                   1.4
                                          1.3
                                                 1.2
                                                       1.5
                                                              2.3
                                                                     3.0
                                                                            3.4
                                                                                   3.8
                                                                                          4.2
   [79621]
              5.2
                     4.8
                            4.2
                                   3.3
                                          2.8
                                                2.7
                                                       1.5
                                                              2.0
                                                                     1.7
                                                                            1.1
                                                                                   1.0
                                                                                          0.2
##
##
   [79633]
             -0.2
                    -0.2
                            1.1
                                   1.6
                                          1.8
                                                1.1
                                                       0.3
                                                              2.2
                                                                     2.8
                                                                            3.7
                                                                                   3.9
                                                                                          4.1
   [79645]
              3.9
                     3.6
                                   2.0
                                          0.6
                                                0.0
                                                      -0.1
                                                             -0.2
                                                                    -0.4
                                                                           -0.6
                                                                                  -0.8
                                                                                         -0.9
##
                            3.1
                                                      -0.3
                                                                     3.4
                                                                            4.7
                                                                                   5.7
   [79657]
             -1.2
                    -1.4
                           -1.5
                                  -1.7
                                         -1.8
                                                -1.8
                                                              1.8
                                                                                          6.7
                     7.8
                            7.6
                                   6.2
                                                                     3.0
                                                                            2.9
                                                                                   2.8
##
   [79669]
              7.8
                                          4.5
                                                3.7
                                                       3.4
                                                              3.2
                                                                                          2.7
##
   [79681]
              2.4
                     2.3
                            2.2
                                   2.3
                                          2.6
                                                 2.5
                                                       4.3
                                                              5.9
                                                                     7.3
                                                                            8.5
                                                                                   9.5
                                                                                          9.9
             10.9
                    10.9
                                                              6.2
                                                                            5.2
                                                                                   4.7
                                                                                          4.5
##
   [79693]
                           10.5
                                   9.2
                                          7.5
                                                7.0
                                                       6.6
                                                                     5.9
   [79705]
              4.7
                     6.0
                            6.4
                                   6.6
                                          6.1
                                                6.6
                                                       8.2
                                                             10.2
                                                                    12.0
                                                                           13.6
                                                                                 13.6
                                                                                        13.8
   [79717]
             14.8
                    14.6
                           14.0
                                  12.6
                                         11.3
                                               11.2
                                                      10.8
                                                              9.7
                                                                     9.4
                                                                            9.4
                                                                                  10.1
                                                                                        10.6
##
   [79729]
             10.7
                    10.6
                           10.1
                                  10.2
                                          9.7
                                                9.4
                                                      10.1
                                                             12.1
                                                                    13.7
                                                                           14.0
                                                                                  14.9
                                                                                        15.1
                                         11.6
   [79741]
             15.5
                           14.5
                                  13.3
                                                      10.9
                                                                    10.3
##
                    15.1
                                               11.1
                                                             10.6
                                                                           10.3
                                                                                  10.4
                                                                                        10.9
   [79753]
             11.0
                    11.2
                           10.8
                                  10.6
                                        10.5
                                               10.7
                                                      11.5
                                                             13.0
                                                                    14.6
                                                                           15.9
                                                                                 16.0
                                                                                        16.4
   [79765]
             16.3
                    16.0
                           15.3
                                  14.4
                                        12.7
                                               12.0
                                                      11.6
                                                             11.8
                                                                    11.5
                                                                           11.4
                                                                                  11.4
                                                                                        11.0
                    10.4
                           10.2
                                  10.2
                                        10.5
                                               10.8
                                                      11.8
                                                             13.2
                                                                    15.1
                                                                           16.1
                                                                                  16.8
##
   [79777]
             10.7
                                                                                        17.2
   [79789]
             17.5
                    17.0
                           16.4
                                  15.2
                                        13.8
                                               13.2
                                                      13.1
                                                             13.0
                                                                    12.8
                                                                           12.7
                                                                                  12.4
   [79801]
                                        11.4
                                               11.1
                                                      11.4
                                                             11.2
                                                                    10.6
                                                                           10.5
                                                                                   9.6
                                                                                         9.0
             11.9
                    11.6
                           11.6
                                  11.5
   [79813]
             14.2
                    13.8
                           12.9
                                  12.1
                                        11.4
                                               10.9
                                                      10.9
                                                             10.9
                                                                    10.4
                                                                           10.3
                                                                                  10.1
                                                                                          9.9
## [79825]
              9.7
                     9.5
                            9.3
                                   9.1
                                          9.1
                                                8.9
                                                       8.9
                                                              9.1
                                                                     9.8
                                                                           10.2
                                                                                   9.8
                                                                                          9.3
## [79837]
             13.9
                    13.7
                           13.3
                                  12.4
                                        11.5
                                               10.8
                                                      10.0
                                                              9.4
                                                                     8.9
                                                                            9.0
                                                                                   8.7
                                                                                          8.1
                                                       6.2
## [79849]
              7.7
                     7.3
                            6.7
                                   6.3
                                          6.0
                                                5.9
                                                              6.9
                                                                     7.8
                                                                            8.4
                                                                                   8.8
                                                                                          9.0
   [79861]
              9.2
                     9.2
                                   7.0
                                          6.2
                                                 6.3
                                                                     4.6
                                                                            4.5
##
                            8.0
                                                       5.8
                                                              5.1
                                                                                   4.4
                                                                                          4.2
                     4.2
                                                              4.2
##
  [79873]
              4.1
                            3.9
                                   3.8
                                          3.8
                                                 3.6
                                                       3.8
                                                                     4.6
                                                                            5.1
                                                                                   5.3
                                                                                          5.8
   [79885]
              6.5
                     6.4
                            5.8
                                   5.0
                                          4.2
                                                 4.0
                                                       3.6
                                                              3.3
                                                                     3.1
                                                                            2.7
                                                                                   2.6
                                                                                          2.5
   [79897]
              2.3
                     2.1
                            1.9
                                   1.7
                                          1.7
                                                 1.5
                                                       2.3
                                                              3.6
                                                                     4.9
                                                                            5.1
                                                                                   5.6
                                                                                          6.0
##
   [79909]
                     5.4
                                                                     2.6
##
              5.6
                            4.9
                                   4.3
                                          3.7
                                                 3.5
                                                       3.3
                                                              3.0
                                                                            2.4
                                                                                   2.3
                                                                                          2.1
   [79921]
              2.1
                     2.0
                            1.8
                                   1.8
                                          1.7
                                                 1.5
                                                       1.9
                                                              2.5
                                                                     3.4
                                                                                   4.6
                                                                                          5.0
##
                                                                            4.1
   [79933]
              5.3
                     5.3
                            5.0
                                   4.2
                                          2.2
                                                 1.5
                                                       1.3
                                                              1.6
                                                                     1.9
                                                                            1.7
                                                                                   0.4
                                                                                        -0.6
##
   [79945]
             -0.8
                    -0.8
                           -1.0
                                  -1.4
                                         -1.0
                                               -0.1
                                                       0.7
                                                              2.0
                                                                     2.7
                                                                            3.7
                                                                                   4.1
                                                                                          4.4
##
   [79957]
              4.2
                     4.3
                            4.1
                                   3.6
                                          2.7
                                                 2.1
                                                       1.1
                                                              0.8
                                                                     0.7
                                                                            0.0
                                                                                   0.0
                                                                                        -0.1
   [79969]
             -0.3
                    -0.6
                           -0.8
                                  -1.1
                                         -1.3
                                               -1.5
                                                      -0.8
                                                              0.5
                                                                     1.9
                                                                            3.0
                                                                                   3.9
                                                                                          4.4
                                                      -0.8
                                                                    -0.4
                                                                                  -0.3
   [79981]
                     4.4
                                   2.9
                                                             -0.6
                                                                           -0.2
                                                                                        -0.3
##
              4.3
                            4.0
                                         -0.1
                                               -0.9
   [79993]
             -0.2
                    -0.6
                           -0.4
                                  -0.5
                                         -0.7
                                               -0.9
                                                       1.5
                                                              4.3
                                                                     5.6
                                                                            7.2
                                                                                   8.0
                                                                                         8.6
   [80005]
              7.4
                     7.1
                            6.2
                                   5.2
                                          2.9
                                                 1.9
                                                       1.5
                                                              1.2
                                                                     0.9
                                                                            0.7
                                                                                   0.5
                                                                                        -0.2
##
   [80017]
             -0.7
                    -1.0
                           -1.3
                                  -1.5
                                         -1.6
                                               -1.8
                                                       0.1
                                                              1.9
                                                                     3.2
                                                                            4.1
                                                                                   4.6
                                                                                          5.1
   [80029]
              6.6
                     6.3
                            5.7
                                   4.7
                                          2.5
                                                 1.6
                                                       1.1
                                                              0.5
                                                                    -0.1
                                                                           -0.3
                                                                                  -0.6
                                                                                        -0.6
##
   [80041]
             -0.8
                    -1.1
                           -1.2
                                  -1.4
                                         -1.5
                                               -1.7
                                                       0.6
                                                              3.5
                                                                     5.5
                                                                            7.0
                                                                                   8.4
                                                                                          9.5
##
   [80053]
              9.4
                     9.8
                            9.7
                                   8.9
                                          5.9
                                                 4.2
                                                       3.9
                                                              4.2
                                                                     3.7
                                                                            3.0
                                                                                   3.2
                                                                                          3.1
##
                                                                    10.9
                                                                           12.0
   [80065]
              3.0
                     2.7
                            2.0
                                          1.9
                                                2.4
                                                       4.9
                                                              8.4
                                                                                 12.8
                                                                                        13.4
                                   1.8
   [80077]
             14.4
                    14.1
                           13.5
                                  13.2
                                        10.5
                                               11.1
                                                       9.8
                                                              8.3
                                                                     8.2
                                                                            8.3
                                                                                   8.5
                                                                                         8.6
##
                                   8.4
                                                      10.2
##
   [80089]
              8.6
                     8.5
                            8.4
                                          8.5
                                                8.4
                                                             12.2
                                                                    12.8
                                                                           13.0
                                                                                 12.3
                                                                                        12.9
                                  12.8
                                               11.3
##
   [80101]
             13.7
                    12.8
                           12.9
                                        12.0
                                                      11.4
                                                             11.3
                                                                    11.2
                                                                           11.3
                                                                                 11.2
                                                                                        11.4
                                                                     7.8
   [80113]
             11.4
                    11.3
                           11.3
                                  11.3
                                        11.2
                                                9.5
                                                       8.7
                                                              7.8
                                                                            9.6
                                                                                 10.1
                                                                                        10.3
                                                7.7
                                                       7.0
                                                              7.0
   [80125]
             10.8
                    11.1
                           10.9
                                  10.6
                                          9.5
                                                                     6.2
                                                                            5.8
                                                                                   5.7
                                                                                          5.5
##
##
   [80137]
              5.2
                     4.8
                            4.4
                                   4.1
                                          3.7
                                                 3.6
                                                       4.8
                                                              6.7
                                                                     9.1
                                                                           10.9
                                                                                 12.3
                                                                                        12.8
   [80149]
                           12.6
                                          8.5
                                                       7.0
                                                                     6.2
                                                                                   5.5
                                                                                          5.2
##
             13.6
                    13.3
                                  11.4
                                                7.4
                                                              6.7
                                                                            5.7
              5.0
   [80161]
                     4.9
                            5.9
                                   5.2
                                          4.9
                                                 5.7
                                                       7.2
                                                             11.0
                                                                    12.7
                                                                           13.7
                                                                                  14.3
                                                                                        14.5
                                                                     7.7
                                                                            7.3
                                                                                   7.2
   [80173]
             15.0
                    14.7
                           14.3
                                  13.2
                                         10.5
                                                9.3
                                                       8.8
                                                              8.3
                                                                                         6.9
                                                                                 15.1
   [80185]
              6.9
                     7.1
                            7.0
                                   6.9
                                         7.4
                                                7.5
                                                       9.4
                                                             11.5
                                                                    13.0
                                                                           14.2
##
                                                                                        15.7
   [80197]
             16.7
                    16.7
                           16.2
                                  15.1
                                        13.0
                                               11.8
                                                      11.1
                                                             10.7
                                                                    10.5
                                                                           10.3
                                                                                 10.3
                                                                                        10.2
  [80209]
             10.1
                    10.3
                           10.3
                                  10.2
                                        10.3
                                               10.4
                                                      11.9
                                                             13.4
                                                                    14.7
                                                                           15.8
                                                                                 16.1
                                                                                        16.1
## [80221]
             16.9
                    16.5
                          15.9 14.7
                                        13.1
                                               12.5
                                                      12.1 11.8 11.7 11.8 11.7
                                                                                        11.7
```

```
## [80233]
             11.8
                    11.7 11.7 11.6
                                        11.4
                                               11.1
                                                      12.4
                                                             13.8 14.8 15.7
                                                                                 16.6
   [80245]
             17.6
                    17.5
                           17.0
                                  15.5
                                        13.8
                                               13.7
                                                      13.7
                                                             13.2
                                                                    12.9
                                                                          12.5
                                                                                 11.1
                                                                                        10.2
   [80257]
              8.1
                     7.6
                            7.3
                                   7.2
                                         7.2
                                                7.1
                                                       8.0
                                                              9.2
                                                                    10.1
                                                                          10.8
                                                                                 11.4
                                                                                        12.2
   [80269]
                                                              7.4
                                                                     6.9
                                                                            6.5
             10.8
                    11.1
                           11.1
                                  11.0
                                         9.0
                                                8.1
                                                       7.8
                                                                                  6.2
                                                                                         6.0
##
##
   [80281]
              5.6
                     5.4
                            6.4
                                   6.5
                                         6.7
                                                6.9
                                                       8.3
                                                             10.5
                                                                    12.8
                                                                          14.9
                                                                                 16.5
                                                                                        17.3
   [80293]
             16.7
                    17.0
                           16.7
                                  15.7
                                        13.3
                                               12.3
                                                      10.9
                                                             10.0
                                                                     9.3
                                                                            9.0
                                                                                  8.4
##
                                                                                         7.7
   [80305]
                                   6.9
                                         6.7
                                                6.7
                                                             12.1
                                                                    13.8
                                                                          15.5
                                                                                 16.5
                                                                                        17.2
              7.5
                     7.3
                            7.1
                                                       9.6
                    17.8
                                        14.6
                                               12.3
                                                             10.5
                                                                    10.1
##
   [80317]
             17.6
                           17.7
                                  16.9
                                                      11.1
                                                                            9.7
                                                                                  9.3
                                                                                         9.0
##
   [80329]
              8.8
                     8.5
                            8.3
                                   8.2
                                         8.1
                                                8.2
                                                      10.4
                                                             13.7
                                                                    16.0
                                                                          17.4
                                                                                 18.2
                                                                                        18.3
             18.8
                    18.4
##
   [80341]
                           17.2
                                  15.7
                                        14.0
                                               13.1
                                                      12.4
                                                             12.0
                                                                    11.5
                                                                          11.6
                                                                                 11.7
                                                                                        12.2
   [80353]
             12.1
                    11.3
                            8.4
                                   7.7
                                         7.5
                                                7.5
                                                       8.4
                                                             10.0
                                                                    10.9
                                                                          11.4
                                                                                 12.1
                                                                                        12.7
                                                                                         7.7
   [80365]
                    12.0
                           12.1
                                  11.5
                                         9.3
                                                8.9
                                                       8.8
                                                              8.4
                                                                     8.0
                                                                            7.8
                                                                                  7.7
##
             11.1
##
   [80377]
              7.4
                     7.2
                            6.4
                                   6.8
                                         6.3
                                                6.2
                                                       8.4
                                                             11.0
                                                                    12.9
                                                                          14.4
                                                                                 15.3
                                                                                        16.0
                           15.5
                                                      10.3
   [80389]
             15.9
                    15.9
                                                                     9.5
                                                                                  8.8
                                                                                         8.2
##
                                  14.7
                                         12.1
                                               11.1
                                                              9.6
                                                                            9.1
   [80401]
              8.0
                     7.7
                            6.8
                                   6.1
                                         5.8
                                                5.9
                                                       8.8
                                                             10.8
                                                                    12.4
                                                                          13.7
                                                                                 14.5
                                                                                        15.0
##
   [80413]
             14.5
                    14.2
                           13.4
                                  12.1
                                         9.7
                                                8.1
                                                       7.3
                                                              6.7
                                                                     6.4
                                                                            5.9
                                                                                  5.5
                                                                                         5.2
   [80425]
                     5.1
                            5.3
                                   5.7
                                         5.7
                                                6.2
                                                       8.8
                                                             12.3
                                                                    15.1
                                                                          17.0
                                                                                 18.2
                                                                                        19.0
##
              5.1
   [80437]
             18.7
                    18.5
                           17.7
                                  16.3
                                        13.2
                                               11.9
                                                      11.2
                                                             10.9
                                                                    10.5
                                                                            9.9
                                                                                  9.2
                                                                                         8.4
                                               10.1
                                                             13.2
   [80449]
                     9.4
                            9.7
                                   9.9
                                         9.8
                                                      11.9
                                                                    14.4
                                                                                        16.9
##
              9.0
                                                                          15.2
                                                                                 16.5
   [80461]
             17.6
                    17.2
                           16.7
                                  15.6
                                        13.8
                                               12.7
                                                      13.1
                                                             11.9
                                                                    11.4
                                                                          11.1
                                                                                 10.9
                                                                                        10.8
                                                                                 16.4
##
   [80473]
             10.8
                    10.5
                           10.4
                                  10.2
                                        10.2
                                               10.6
                                                      13.3
                                                             14.9
                                                                    15.8
                                                                          16.5
                                                                                        16.3
   [80485]
             18.1
                    17.7
                           17.4
                                  16.9
                                        15.5
                                               14.0
                                                      14.0
                                                             13.0
                                                                    12.8
                                                                          11.9
                                                                                 13.6
                                                                                 14.8
   [80497]
                                               11.0
                                                      12.1
                                                             13.5
                                                                    15.5
                                                                          15.3
                                                                                        15.2
##
             11.6
                    11.5
                           11.6
                                  11.4
                                        11.1
                                                             10.7
   [80509]
                    11.5
                                  10.8
                                        10.4
                                               10.5
                                                      10.7
                                                                    10.6
                                                                          10.4
                                                                                  9.4
##
             11.1
                           11.6
                                                                                         9.7
                                                8.3
                                                                            8.0
                                                                                  8.8
                                                                                        10.5
##
   [80521]
              9.6
                     9.2
                            8.9
                                   8.5
                                         8.4
                                                       9.3
                                                              9.1
                                                                     8.1
   [80533]
             12.8
                    10.5
                           11.5
                                  10.5
                                         9.9
                                                9.5
                                                       9.0
                                                              8.2
                                                                     7.8
                                                                            7.7
                                                                                  7.4
                                                                                         7.2
   [80545]
              7.1
                     7.3
                            7.3
                                  7.5
                                         7.6
                                                8.0
                                                       9.9
                                                             10.5
                                                                    11.6
                                                                          12.0
                                                                                 12.5
                                                                                        12.8
##
   [80557]
             13.0
                    13.3
                           11.5
                                  11.9
                                                              9.6
                                                                     9.4
                                                                            8.9
                                                                                  8.4
##
                                        11.1
                                               10.3
                                                      10.1
                                                                                         8.1
                                   7.2
                                                              9.7
                                                                     9.7
   [80569]
              7.6
                     7.3
                            7.1
                                         7.5
                                                7.9
                                                       9.1
                                                                          10.6
                                                                                 11.1
                                                                                        12.3
##
   [80581]
             13.4
                    13.2
                           13.2
                                  12.5
                                        11.1
                                               10.5
                                                      10.2
                                                             10.1
                                                                    10.2
                                                                            9.9
                                                                                  9.3
                                                                                         8.8
##
   [80593]
              8.5
                     8.5
                            8.4
                                   8.0
                                         7.7
                                                7.7
                                                       8.9
                                                             10.1
                                                                    11.3
                                                                          12.5
                                                                                 12.7
                                                                                        14.2
##
   [80605]
             12.0
                    12.2
                           12.1
                                  11.0
                                         9.4
                                                8.8
                                                       8.2
                                                              7.9
                                                                     7.8
                                                                            7.4
                                                                                  7.1
                                                                                         6.6
                                                                                        10.0
##
   [80617]
              6.3
                     6.1
                            5.8
                                   5.7
                                         6.2
                                                6.9
                                                       8.9
                                                              9.9
                                                                    10.1
                                                                          10.1
                                                                                  9.9
   [80629]
              9.6
                     9.4
                            8.6
                                         7.7
                                                7.5
                                                       7.0
                                                              4.9
                                                                     5.0
                                                                            5.2
                                                                                  5.2
                                                                                         5.6
                                   8.2
##
   [80641]
              5.3
                     5.3
                            5.7
                                   6.2
                                         5.5
                                                6.3
                                                       8.0
                                                              9.0
                                                                     8.7
                                                                            8.9
                                                                                  9.1
                                                                                         9.0
   [80653]
             10.1
                    10.1
                           10.0
                                   9.8
                                         9.0
                                                7.3
                                                       7.2
                                                              7.5
                                                                     7.7
                                                                            6.8
                                                                                  6.0
                                                                                         5.9
##
   [80665]
              6.2
                     6.4
                            6.4
                                   6.2
                                         6.5
                                                6.0
                                                       8.7
                                                             10.3
                                                                    11.4
                                                                           12.4
                                                                                 13.1
                                                                                        13.7
   [80677]
             13.1
                    12.8
                           12.3
                                  11.7
                                         10.3
                                                7.5
                                                       7.0
                                                              7.4
                                                                     7.5
                                                                            8.2
                                                                                  8.6
                                                                                         7.4
##
   [80689]
              7.2
                     7.1
                            7.2
                                   6.9
                                         6.3
                                                6.8
                                                       8.6
                                                             10.4
                                                                    11.7
                                                                          11.3
                                                                                 11.6
                                                                                        11.7
##
   [80701]
             11.7
                    12.1
                                  11.4
                                        10.3
                                                8.5
                                                       7.9
                                                              7.6
                                                                     7.3
                                                                            7.0
                                                                                  6.6
                                                                                         6.0
##
                           11.7
   [80713]
              5.9
                     6.2
                            6.6
                                         6.2
                                                      10.6
                                                              9.0
                                                                     9.8
                                                                          10.4
                                                                                 11.2
                                                                                        11.7
                                   6.4
                                                7.7
   [80725]
             11.3
                    11.5
                           11.2
                                  10.5
                                         9.0
                                                6.3
                                                       5.5
                                                              4.9
                                                                     4.7
                                                                            4.6
                                                                                  4.2
                                                                                         4.0
##
   [80737]
                                                              9.4
                                                                    10.7
##
              4.1
                     4.1
                            3.7
                                   3.0
                                         3.1
                                                4.6
                                                       7.4
                                                                          11.7
                                                                                 12.4
                                                                                        12.9
             12.9
                    12.8
                           12.5
                                                       8.6
                                                              7.9
                                                                            7.6
##
   [80749]
                                  11.6
                                        10.1
                                                8.6
                                                                     7.9
                                                                                  7.7
                                                                                         7.9
   [80761]
                     7.9
                            8.3
                                                                    13.8
                                                                          15.2
              7.9
                                   8.4
                                         8.5
                                                9.3
                                                      11.5
                                                             11.6
                                                                                 16.4
                                                                                        16.7
   [80773]
                                                             10.4
             17.0
                    16.9
                           16.4
                                  15.1
                                        13.5
                                               12.4
                                                      11.5
                                                                    10.2
                                                                          10.3
                                                                                 10.3
                                                                                        10.1
##
                                                                    17.5
##
   [80785]
             10.2
                     9.8
                            9.3
                                   8.9
                                         8.4
                                                9.6
                                                      12.7
                                                             16.1
                                                                          18.3
                                                                                 18.3
                                                                                        18.5
   [80797]
                    18.3
                                                      11.3
                                                             10.9
                                                                                 11.0
                                                                                        10.7
##
             18.8
                           17.6
                                  16.4
                                        14.5
                                               12.1
                                                                    11.4
                                                                          11.2
             10.5
   [80809]
                    10.1
                            9.8
                                   9.7
                                         9.6
                                               10.0
                                                      13.1
                                                             16.4
                                                                    18.5
                                                                          19.8
                                                                                 20.7
                                                                                        21.2
   [80821]
             21.5
                    21.5
                           21.1
                                  19.8
                                        16.8
                                               13.4
                                                      12.8
                                                             11.9
                                                                    11.1
                                                                          10.8
                                                                                 10.3
                                                                                         9.9
   [80833]
              9.5
                     9.0
                            8.9
                                   8.6
                                         8.3
                                                9.5
                                                      11.8
                                                             13.3
                                                                    14.4
                                                                          15.3
                                                                                 16.0
##
                                                                                        16.4
   [80845]
             16.1
                    15.9
                           15.3
                                  14.1
                                        12.3
                                               10.5
                                                       9.5
                                                              8.5
                                                                     7.5
                                                                            6.6
                                                                                  6.1
                                                                                         5.7
   [80857]
              5.5
                     5.1
                            4.9
                                   4.8
                                         4.6
                                                6.1
                                                       7.6
                                                              8.8
                                                                    10.1
                                                                          11.3
                                                                                 12.4
                                                                                        13.7
##
## [80869]
             15.0
                    15.4
                          15.2
                                14.2
                                        12.5
                                               10.5
                                                       9.5
                                                              8.6
                                                                     7.6
                                                                            6.7
                                                                                  6.2
                                                                                         5.9
```

```
## [80881]
              5.6
                    5.5
                           5.4
                                  5.9
                                        5.9
                                               6.6
                                                      8.0
                                                            9.6
                                                                  10.9
                                                                        12.0 13.3
   [80893]
             16.0
                   16.4
                          16.3
                                 15.5
                                       13.6
                                              10.7
                                                      9.7
                                                            8.7
                                                                   7.9
                                                                         7.4
                                                                                6.9
                                                                                       6.6
   [80905]
              6.5
                     6.4
                           6.3
                                  6.1
                                        5.9
                                               8.2
                                                    11.9
                                                           14.7
                                                                  16.6
                                                                        18.3
                                                                               19.5
                                                                                      20.5
                                                                  10.6
   [80917]
             20.7
                   20.7
                          20.2
                                 19.0
                                       16.0
                                              12.7
                                                     11.7
                                                           11.1
                                                                        11.5
                                                                                9.9
                                                                                       8.8
   [80929]
              8.1
                    7.7
                           7.2
                                  6.8
                                        6.4
                                               8.6
                                                     12.2
                                                           15.3
                                                                  17.9
                                                                        19.6
                                                                               20.3
                                                                                      18.1
   [80941]
             20.3
                   19.3
                          19.3
                                 18.4
                                       16.5
                                              13.8
                                                    13.1
                                                           12.8
                                                                  12.9
                                                                        13.1
                                                                               12.5
                                                                                       9.9
##
   [80953]
                    7.2
                           6.8
                                  6.6
                                                                  10.4
                                                                        10.1
              8.2
                                        6.7
                                               7.0
                                                      8.0
                                                            9.4
                                                                               10.3
                                                                                      10.6
                                                            4.9
                                                                   4.5
   [80965]
             10.8
                   10.6
                          10.2
                                  9.5
                                        8.2
                                               6.5
                                                      5.5
                                                                         4.0
                                                                                3.6
                                                                                       3.2
##
   [80977]
              2.9
                     2.6
                           2.3
                                  2.2
                                        2.0
                                               4.3
                                                      7.2
                                                            9.3
                                                                  10.8
                                                                        12.0
                                                                               12.7
                                                                                      13.2
                                                            7.3
                                                                                6.0
                                                                                       5.7
##
   [80989]
             13.4
                   13.6
                          13.6
                                 13.1
                                       11.7
                                               9.1
                                                      8.0
                                                                   6.8
                                                                         6.5
   [81001]
              5.3
                    5.0
                           4.8
                                  4.6
                                        4.6
                                               7.2
                                                     10.2
                                                           12.0
                                                                  13.4
                                                                        14.5
                                                                               15.2
                                                                                      15.9
                                                            9.0
   [81013]
             16.5
                   16.8
                          16.7
                                 15.9
                                       14.1
                                              10.9
                                                      9.8
                                                                   8.0
                                                                         7.2
                                                                                6.6
                                                                                       6.3
##
   [81025]
              6.5
                    6.5
                           6.4
                                  6.3
                                        5.9
                                               8.6
                                                    11.6
                                                           13.6
                                                                  15.4
                                                                        16.9
                                                                               18.2
                                                                                      19.3
   [81037]
             20.2
                   20.0
                                              13.2
                                                           11.7
                                                                  10.7
                                                                        10.2
                                                                               10.0
##
                          19.7
                                 18.6
                                       16.6
                                                    12.0
                                                                                       9.6
   [81049]
              9.4
                    9.0
                           8.8
                                  9.6
                                        8.9
                                               9.9
                                                     11.4
                                                           12.7
                                                                  12.9
                                                                        14.2
                                                                               13.9
                                                                                      15.0
   [81061]
             14.9
                   14.5
                          13.6
                                 12.2
                                       10.3
                                               8.6
                                                      7.8
                                                            7.0
                                                                   6.3
                                                                         5.7
                                                                                5.3
                                                                                       4.9
   [81073]
              4.5
                     4.0
                           3.4
                                  3.0
                                        2.6
                                               4.5
                                                            7.4
                                                                   8.3
                                                                          9.2
                                                                                9.9
                                                                                      10.8
##
                                                      6.3
   [81085]
             12.6
                   12.9
                          12.6
                                 11.7
                                       10.1
                                               7.6
                                                      6.2
                                                            5.6
                                                                   5.1
                                                                          4.6
                                                                                4.1
                                                                                       3.9
   [81097]
                    3.4
                           3.4
                                  3.4
                                        3.5
                                                            7.8
                                                                   8.9
                                                                         9.7
                                                                               10.5
                                                                                      11.5
              3.6
                                               5.3
                                                      6.4
   [81109]
             14.4
                   14.7
                          14.4
                                 13.6
                                       11.9
                                               9.3
                                                      8.1
                                                            7.4
                                                                   6.7
                                                                          6.1
                                                                                5.7
                                                                                       5.5
##
                                  4.6
                                                           11.7
  [81121]
              5.1
                     4.7
                           4.6
                                        5.2
                                               7.1
                                                      9.7
                                                                  13.4
                                                                        15.4
                                                                               17.3
                                                                                      18.6
   [81133]
             19.8
                   19.8
                          19.4
                                 16.5
                                       15.3
                                              12.8
                                                    12.2
                                                           12.4
                                                                  11.4
                                                                        10.8
                                                                               11.1
                                                           16.4
                                                                  18.9
   [81145]
             10.5
                    9.8
                          10.9
                                 11.2
                                       10.8
                                              12.5
                                                    16.0
                                                                        18.9
                                                                               18.9
                                                                                      17.3
##
             20.3
                   20.4
                          20.0
                                18.2
                                       16.5
                                              14.5
                                                    14.0
                                                           13.5
                                                                  12.8
                                                                        12.5
                                                                               12.0
##
   [81157]
                                                                                      11.4
                                                    14.1
                                                           12.9
                                                                  13.7
                                                                        14.1
                                                                               15.4
                                                                                      16.9
##
   [81169]
             11.7
                   12.0
                          11.9
                                12.0
                                       11.9
                                              12.7
   [81181]
             18.9
                   19.0
                          18.0
                                17.8
                                       16.4
                                              12.8
                                                    11.5
                                                           11.0
                                                                  10.9
                                                                        10.9
                                                                               11.0
   [81193]
              9.8
                    9.6
                           9.1
                                  8.8
                                        8.7
                                              10.3
                                                    13.5
                                                           15.3
                                                                  16.9
                                                                        17.4
                                                                               18.6
                                                                                      18.6
   [81205]
                   17.8
                                 16.5
                                       15.3
                                              12.2
                                                    10.5
                                                           10.8
##
             18.3
                          17.3
                                                                  11.2
                                                                        11.0
                                                                               10.8
                                                                                      10.6
                                                                               11.2
   [81217]
             10.5
                   10.5
                          10.4
                                 10.2
                                        9.5
                                               9.9
                                                    11.6
                                                           12.5
                                                                  11.4
                                                                        11.8
                                                                                       9.6
##
   [81229]
             13.6
                   13.8
                          12.7
                                 11.5
                                       10.9
                                               9.8
                                                      9.2
                                                            9.2
                                                                   9.4
                                                                         9.7
                                                                                9.4
                                                                                       9.2
   [81241]
              8.2
                    7.5
                           6.7
                                  6.1
                                        5.7
                                               8.3
                                                    11.5
                                                           13.1
                                                                  12.8
                                                                        13.2
                                                                               13.6
                                                                                      15.7
##
   [81253]
             15.0
                   14.8
                          14.2
                                 13.5
                                       12.6
                                              10.8
                                                    10.1
                                                            9.1
                                                                   9.6
                                                                         9.0
                                                                                8.3
                                                                                       7.9
                    7.9
                                                           12.9
   [81265]
              7.9
                           7.6
                                  5.6
                                        4.9
                                               8.4
                                                    10.9
                                                                  14.4
                                                                        15.6
                                                                               16.4
                                                                                      16.8
                                                    10.4
   [81277]
             17.2
                   17.1
                          16.7
                                       13.7
                                              11.1
                                                           10.2
                                                                  10.4
                                                                         9.2
                                                                                8.6
                                                                                       8.2
                                 15.4
   [81289]
              7.7
                    7.3
                           6.7
                                  6.0
                                        6.1
                                               8.9
                                                     12.3
                                                           14.2
                                                                  15.1
                                                                        15.9
                                                                               16.5
                                                                                      16.9
   [81301]
             17.4
                   17.4
                          17.1
                                 16.4
                                       14.8
                                              10.4
                                                      9.5
                                                            8.1
                                                                   7.5
                                                                         6.6
                                                                                6.1
                                                                                       5.6
##
   [81313]
              5.0
                     4.5
                           4.4
                                  4.1
                                        4.2
                                               7.8
                                                    11.2
                                                           13.2
                                                                  14.8
                                                                        15.9
                                                                               16.7
                                                                                      17.3
   [81325]
             17.6
                   17.7
                          17.3
                                 16.3
                                       14.2
                                              10.0
                                                     8.9
                                                            8.5
                                                                   7.8
                                                                         7.4
                                                                                7.2
                                                                                       6.5
##
   [81337]
              6.1
                    5.8
                           5.7
                                  6.2
                                        7.4
                                              10.9
                                                    13.6
                                                           15.6
                                                                  17.0
                                                                        18.1
                                                                               19.5
                                                                                      20.4
##
                                                           10.8
   [81349]
             19.4
                   19.6
                          19.1
                                 18.1
                                       16.0
                                              13.4
                                                    12.1
                                                                   9.7
                                                                         8.7
                                                                                7.8
                                                                                       7.1
##
   [81361]
                    6.1
                           5.9
                                  5.8
                                        6.2
                                               9.3
                                                    11.4
                                                           13.2
                                                                  14.6
                                                                        16.2
              6.6
                                                                               17.5
                                                                                      18.4
   [81373]
             19.5
                   20.1
                          20.2
                                19.6
                                       18.3
                                              15.8
                                                    14.0
                                                           12.8
                                                                  12.3
                                                                        12.1
                                                                               11.8
                                                                                      11.5
                                       11.1
                                              13.3
                                                    16.7
   [81385]
             11.3
                   11.1
                          10.9
                                 10.8
                                                           19.1
                                                                  20.8
                                                                        22.3
                                                                               23.0
                                                                                      23.3
##
   [81397]
             23.8
                   23.7
                          23.1
                                 20.6
                                       18.2
                                              14.9
                                                    14.4
                                                           13.9
                                                                  13.3
                                                                        12.7
                                                                               12.7
                                                                                      12.9
   [81409]
                                                    17.6
                                                           19.6
                                                                  21.0
                                                                        22.2
             12.9
                   12.6
                          12.5
                                 11.9
                                       11.4
                                              14.9
                                                                               23.4
                                                                                      23.9
                                       21.0
                                              17.4
                                                    15.5
                                                           15.1
                                                                        14.8
   [81421]
             24.5
                   24.3
                          23.6
                                 22.6
                                                                  14.9
                                                                               14.7
                                                                                      14.3
                                                           20.9
##
   [81433]
             14.0
                   14.2
                          13.7
                                 13.4
                                       13.9
                                              16.1
                                                    19.1
                                                                  22.1
                                                                        22.7
                                                                               23.0
                                                                                      22.5
   [81445]
                                       18.2
                                              14.7
                                                    13.9
                                                           12.8
                                                                  11.9
                                                                        12.1
                                                                               12.6
                                                                                      12.6
             22.4
                   21.8
                          21.0
                                 19.6
   [81457]
             12.7
                   12.4
                          12.3
                                 12.4
                                       12.9
                                              15.3
                                                    16.9
                                                           17.9
                                                                  18.6
                                                                        19.2
                                                                               17.4
                                                                                      16.9
   [81469]
             17.8
                   16.5
                          15.2
                                 14.3
                                       14.5
                                              13.9
                                                     11.4
                                                           10.8
                                                                  10.9
                                                                        10.7
                                                                                9.7
                                                                                       9.9
## [81481]
              9.0
                    8.4
                           7.8
                                  7.5
                                        7.6
                                               8.0
                                                      8.7
                                                            9.6
                                                                  11.3
                                                                        12.3
                                                                               13.2
                                                                                      13.9
                                               8.9
                                                            7.9
## [81493]
             14.3
                   14.3
                          14.2
                                 13.7
                                       12.2
                                                      8.6
                                                                   7.1
                                                                          6.8
                                                                                6.9
                                                                                       6.5
## [81505]
              6.2
                    7.0
                           7.4
                                  7.8
                                        8.9
                                              11.1
                                                    12.6
                                                           13.9
                                                                  18.2
                                                                        18.8
                                                                               19.1
                                                                                      19.3
## [81517]
             18.8
                   19.9
                         19.5
                                18.8
                                      17.5
                                              15.4
                                                    14.3
                                                           13.9 13.8 13.6 13.3
                                                                                     13.2
```

```
## [81529]
            13.1
                  13.2 13.6 13.5
                                    13.9
                                           13.8 14.1
                                                        13.0 13.8 13.2 14.8
## [81541]
                                            10.7
            14.9
                  16.5
                         15.6
                               14.9
                                     13.9
                                                  10.3
                                                         9.7
                                                               9.6
                                                                      9.8
                                                                            8.9
                                                                                  8.9
## [81553]
             8.5
                   7.8
                          5.1
                                4.6
                                      5.0
                                             8.1
                                                  11.0
                                                        12.2
                                                               12.6
                                                                     13.0
                                                                           13.2
                                                                                 13.3
                                                         9.0
                                                               8.5
                                                                      8.0
## [81565]
            14.4
                  14.1
                         13.0
                               12.3
                                     11.4
                                             9.2
                                                   9.1
                                                                            6.7
                                                                                  5.6
## [81577]
             5.5
                   5.1
                          4.9
                                4.1
                                      5.0
                                             8.2
                                                   9.8
                                                        11.2
                                                               12.3
                                                                     13.0
                                                                           13.6
                                                                                 14.0
## [81589]
            14.0
                  14.0
                         13.8
                               13.1
                                     11.5
                                             8.5
                                                   7.7
                                                         7.5
                                                                7.2
                                                                      7.1
                                                                            8.1
                                                                                  8.1
  [81601]
                   7.6
                                6.9
                                      7.4
                                           11.5
                                                  13.1
                                                        14.3
                                                               14.9
                                                                     16.0
                                                                           16.3
             8.0
                          7.2
                                           11.3
                                                  10.2
                                                         9.6
                                                               9.1
##
  [81613]
            16.3
                  16.1
                         15.8
                               14.9
                                     13.8
                                                                      9.2
                                                                           10.2
                                                                                 10.7
                                7.7
##
   [81625]
             8.8
                   8.1
                          7.8
                                      8.1
                                             9.3
                                                   9.9
                                                        11.7
                                                               13.0
                                                                     14.3
                                                                           15.1
                                                                                 15.7
                  16.6
                                           12.5
                                                  10.9
##
   [81637]
            16.4
                         16.4
                               15.9
                                     15.0
                                                         9.9
                                                                9.4
                                                                      8.9
                                                                            8.2
                                                                                  7.6
   [81649]
             7.2
                   6.9
                          6.7
                                6.5
                                      6.9
                                            10.6
                                                  13.7
                                                        15.7
                                                               17.1
                                                                     18.1
                                                                           18.9
                                                                                 19.2
                                                                            7.1
   [81661]
            18.8
                  18.4
                         17.8
                               16.9
                                     15.5
                                            11.6
                                                   9.9
                                                         9.0
                                                               8.0
                                                                      7.6
                                                                                  6.8
##
##
   [81673]
             6.7
                   6.8
                          6.9
                                7.0
                                      8.1
                                            11.7
                                                  15.0
                                                        17.2
                                                               19.2
                                                                     20.5
                                                                           21.5
                                                                                 22.2
   [81685]
            23.0
                  22.8
                         22.1
                                     19.7
                                            16.7
                                                        13.5
                                                               12.9
                                                                     12.5
                                                                           11.9
##
                               21.1
                                                  14.4
                                                                                 11.5
   [81697]
            11.3
                  11.0
                         10.8
                               10.6
                                     11.1
                                            14.2
                                                  17.7
                                                        19.9
                                                               21.5
                                                                     22.7
                                                                           23.4
                                                                                 23.9
   [81709]
            24.9
                  24.7
                         24.2
                               23.3
                                     21.9
                                            19.0
                                                  16.7
                                                        15.7
                                                               14.6
                                                                     14.0
                                                                           13.3
                                                                                 13.1
            12.9
                  12.8
                         12.7
                               12.6
                                     13.5
                                            16.2 19.4
                                                        21.7
                                                               23.5
                                                                     24.6
                                                                           25.5
                                                                                 26.0
##
   [81721]
   [81733]
            26.5
                  26.0
                         25.3
                               24.2
                                     22.6
                                            20.1
                                                  18.6
                                                        17.4
                                                               16.5
                                                                     16.1
                                                                           15.9
  [81745]
                  15.0
                         14.9
                               14.7
                                     15.5
                                           17.9
                                                  21.1
                                                        23.4
                                                               25.1
                                                                     26.3
                                                                           26.2
            14.9
                                                                                 27.0
## [81757]
            24.4
                  26.0
                         25.4
                               23.8
                                     21.9
                                            20.2
                                                  19.2
                                                        19.1
                                                               18.7
                                                                     18.7
                                                                           18.0
                                                                                 17.7
## [81769]
            16.9
                  16.3
                         15.8
                               15.5
                                     16.1
                                           19.4
                                                  22.0
                                                        23.6
                                                               24.5
                                                                     25.2
                                                                           25.5
                                                                                 25.5
  [81781]
            24.7
                  24.8
                         24.8
                               23.5
                                     21.4
                                            18.5
                                                  16.4
                                                        15.6
                                                               14.7
                                                                     14.0
                                                                           13.6
  [81793]
            11.6
                  10.6
                        10.2
                               10.1
                                     11.5
                                            13.9
                                                  14.7
                                                        17.6
                                                               19.0
                                                                     20.9
                                                                           22.6
                                                                                 22.4
##
   [81805]
            20.6
                  20.1
                         20.4
                               19.5
                                     18.0
                                            15.6
                                                  13.8
                                                        12.8
                                                               12.6
                                                                     12.3
                                                                           11.2
##
                                                                                 10.6
                        10.1
                                                  16.5 18.1 19.5
                                                                     21.2 22.6
                                                                                 24.0
##
  [81817]
            11.1
                  11.3
                                9.7
                                     11.9
                                            14.6
   [81829]
            23.0
                  23.2
                         23.0
                               22.2
                                     20.7
                                            17.7
                                                  15.3
                                                        14.0
                                                               13.2
                                                                     12.8
                                                                           12.4
   [81841]
            11.4
                  11.0
                         10.8
                               10.5
                                     11.9
                                            14.2
                                                  15.8
                                                        17.4
                                                               18.9
                                                                     20.2
                                                                           21.3
                                                                                 22.2
   [81853]
            22.7
                         22.7
                               22.0
                                     20.7
                                            18.2
                                                  16.1
                                                        15.2
                                                               14.6
                                                                           13.2
##
                  22.8
                                                                     13.9
                                                                                 12.6
                                                        20.2
                                                                           23.5
   [81865]
            12.1
                  11.7
                         11.4
                               11.3
                                     13.1
                                           16.1
                                                  18.4
                                                               21.7
                                                                     22.7
                                                                                 24.1
##
   [81877]
            24.6
                  24.7
                         24.5
                               23.9
                                     22.4
                                            18.5
                                                  16.1
                                                        14.8
                                                               13.9
                                                                     13.4
                                                                           12.9
                                                                                 12.4
##
   [81889]
            12.1
                  11.7
                         11.4
                               11.2
                                     13.2
                                            16.3
                                                  19.1
                                                        21.4
                                                               23.2
                                                                     24.8
                                                                           25.8
                                                                                 26.0
##
   [81901]
            26.6
                  25.9
                         25.0
                               23.8
                                     22.4
                                            19.4
                                                  17.7
                                                        15.3
                                                               14.1
                                                                     13.6
                                                                           13.1
                                                                                 13.0
                                                               19.8
   [81913]
            13.1
                  12.7
                         14.0
                               12.8
                                     15.7
                                            16.5
                                                  18.1
                                                        19.5
                                                                     20.3
                                                                           21.2
                                                                                 19.5
## [81925]
            22.3
                         21.3
                               20.6
                                     20.1
                                            18.2
                                                  16.7
                                                        16.2
                                                               15.3
                                                                     14.4
                  21.1
                                                                           14.1
                                                                                 13.4
## [81937]
            12.9
                  12.8
                         12.8
                               12.7
                                     14.8
                                            17.3
                                                  19.6
                                                        21.2
                                                               22.3
                                                                     23.0
                                                                           23.8
                                                                                 24.2
## [81949]
            24.8
                  24.9
                         24.2
                               23.0
                                     21.9
                                            20.2 18.9
                                                        17.9
                                                               16.8
                                                                     15.9
                                                                           16.4
                                                                                 15.4
## [81961]
            14.4
                  15.3
                         15.2
                               14.8
                                     14.9
                                            17.2
                                                  19.1
                                                        20.7
                                                               21.9
                                                                     22.0
                                                                           21.9
  [81973]
            23.9
                  23.6
                         22.8
                               21.6
                                     19.6
                                           17.0
                                                  14.6
                                                        13.9
                                                               13.3
                                                                     13.8
                                                                           13.8
                                                                                 14.2
   [81985]
            14.0
                  13.7
                         13.4
                               13.0
                                     13.8
                                            16.8
                                                  19.4
                                                        20.8
                                                               21.8
                                                                     22.5
                                                                           22.9
                                                                                 21.8
##
                               20.2
  [81997]
            20.6
                  21.5
                         21.2
                                     18.6
                                           17.3
                                                  16.9
                                                        16.1 16.3
                                                                     15.2 14.7
                                                                                 14.3
##
   [82009]
                  12.8
                         12.5
                               12.6
                                     13.8
                                           14.7
                                                  17.0
                                                        18.4
                                                               18.6
            13.1
                                                                     17.3
                                                                           17.6
  [82021]
            18.6
                  18.8
                        18.7
                               18.0
                                     17.0
                                           14.9
                                                  13.2 12.6
                                                               12.1
                                                                     12.0
                                                                           12.2
                                                                                 12.1
   [82033]
                                     11.7
                                            13.3
                                                  15.1
                                                        16.9
            12.1
                  11.8
                         11.5
                               11.1
                                                               18.6
                                                                     19.9
                                                                           20.9
                                                                                 21.6
   [82045]
                               21.9
                                     20.7
                                                                     15.4
                                                                           15.0
##
            22.1
                  22.8
                         22.8
                                            18.7
                                                  17.2
                                                        16.6
                                                               16.2
                                                                                 14.9
  [82057]
                                                  20.9
                                                        22.8
                                                               24.0
                                                                     22.8
            14.0
                  14.0
                         14.2
                               13.9
                                     15.5
                                            18.3
                                                                           22.1
                  26.8
                                            22.7
                                                  21.6
                                                        20.4
                                                                                 17.4
  [82069]
            26.3
                         26.3
                               25.5
                                     24.9
                                                               19.7
                                                                     19.1
                                                                           18.2
##
                                                        25.8
                                                               27.4
##
   [82081]
            17.1
                  16.9
                         16.6
                               16.4
                                     18.7
                                            21.5
                                                  23.9
                                                                     29.1
                                                                           30.0
                                                                                 30.4
  [82093]
                  26.9
                         26.0
                               25.0
                                     23.5
                                           21.1
                                                  19.0
                                                        18.2
                                                               17.5
                                                                     17.5
                                                                           17.2
                                                                                 17.5
            27.9
  [82105]
            17.5
                  17.5
                         17.8
                               16.2
                                     17.8
                                            21.2
                                                  22.9
                                                        24.0
                                                               25.1
                                                                     25.8
                                                                           26.8 27.2
                         27.5
                                     23.8
                                                               18.0
## [82117]
            28.4
                  28.4
                               25.2
                                            21.4
                                                  19.0
                                                        18.7
                                                                     18.4
                                                                           17.1
                                                                                 16.4
## [82129]
            16.4
                  16.1
                         15.5
                               14.1
                                     16.2
                                            18.8
                                                  19.5
                                                        20.8
                                                               21.6
                                                                     22.1
                                                                           22.7
                                                                                 23.1
                               21.9
                                     20.7
## [82141]
            22.5
                  22.6
                         22.4
                                            18.5
                                                  16.1 14.8
                                                             14.0
                                                                    13.5 12.8
                                                                                 12.3
                                                                     21.0 21.5
## [82153]
            11.9
                  11.8
                        11.7
                               11.8
                                     14.4
                                           16.7
                                                  18.4 19.5
                                                              20.4
                                                                                 22.0
                                           17.4 16.4 16.0 15.6 15.0 14.3 13.9
## [82165]
            21.2 21.0 20.5 19.8
                                    18.7
```

```
## [82177]
            13.7
                  13.3 13.3 13.2 14.3 15.8 17.2 17.4 18.7 19.5 19.2
## [82189]
            16.0
                  17.3
                        17.3
                              17.6
                                     17.1
                                           16.3
                                                 15.4
                                                       13.7
                                                              13.2
                                                                    13.3
                                                                          12.9
                                                                                 12.8
                                                 16.0
## [82201]
            12.7
                  13.0
                        13.0
                               13.1
                                     14.2
                                           15.3
                                                       16.2
                                                              16.7
                                                                    17.6
                                                                          16.5
                                                 14.8
## [82213]
            20.1
                  19.7
                        19.2
                               18.5
                                     17.4
                                           16.0
                                                       13.9
                                                              12.7
                                                                    11.6
                                                                          10.6
                                                                                 9.9
## [82225]
             9.3
                   8.8
                         8.3
                                7.7
                                      9.8
                                           12.2
                                                 14.3
                                                       16.0
                                                              17.4
                                                                    18.4
                                                                          19.7
                                                                                 19.5
## [82237]
            19.5
                  18.9
                        19.0
                              18.3
                                     17.3
                                           15.4
                                                13.1
                                                       11.8 11.0 11.0 11.3
                                                                               11.1
                        10.3
                               10.2
                                     12.1
                                           15.1
                                                 17.5
                                                       19.3
                                                              20.8
                                                                    21.8
  [82249]
            10.7
                  10.4
                                                                          22.4
                  22.2
                                     19.6
                                                       13.4
                                                             12.8
                                                                    12.6
## [82261]
            22.7
                        21.7
                               20.9
                                           17.3
                                                 14.3
                                                                          12.5
                                                                                12.5
                                           17.3
##
   [82273]
            12.6
                  12.6
                        12.7
                               11.7
                                     15.1
                                                 20.0
                                                       21.3
                                                              22.1
                                                                    19.9
                                                                          19.1
                                                                                 18.7
##
  [82285]
            16.1
                  16.9
                        17.3
                               18.1
                                     17.6
                                           15.9
                                                 13.8 12.4 11.4
                                                                    10.7
                                                                          10.2
                                                                                 10.2
  [82297]
            10.3
                  10.2
                        10.3
                               10.3
                                     12.4
                                           15.8
                                                 18.1
                                                       19.8
                                                              20.9
                                                                    21.6
                                                                          21.3
                                                                                 22.1
  [82309]
            21.2
                  22.7
                        22.4
                               21.5
                                     20.3
                                           18.2
                                                 16.3
                                                       16.3
                                                              15.5
                                                                    15.2
                                                                          15.0
                                                                                 14.7
##
   [82321]
            14.4
                  13.9
                        13.4
                               13.0
                                     14.8
                                           17.9
                                                 19.3
                                                       20.4
                                                              21.2
                                                                    21.9
                                                                          22.6
                                                                                 23.2
            23.5
                               21.5
                                     20.4
                                           18.2
                                                       14.1
                                                              13.0
                                                                    12.0
                                                                          11.3
##
  [82333]
                  23.1
                        22.1
                                                 15.4
                                                                                 10.9
  [82345]
            10.5
                  10.3
                        10.0
                                9.7
                                     12.6
                                           15.6
                                                 17.5
                                                       18.7
                                                              19.9
                                                                    20.8
                                                                          21.8
                                                                                 22.4
   [82357]
            21.5
                  21.8
                        21.9
                               21.3
                                     20.4
                                           18.7
                                                 16.1
                                                        15.3
                                                              14.4
                                                                    13.3
                                                                          12.9
                                                                                 12.8
                  12.9
                        13.5
                               13.0
                                     15.4
                                           17.7
                                                 19.9
                                                       21.7
                                                              22.8
                                                                    23.6
                                                                          23.8
                                                                                 22.7
##
  [82369]
            12.6
  [82381]
            22.6
                  22.4
                        22.3
                               22.3
                                     22.6
                                           21.2
                                                 19.0
                                                       17.3
                                                              16.3
                                                                    15.9
                                                                          15.2
## [82393]
                  14.9
                        14.8
                               14.7
                                     15.5
                                           17.0
                                                 18.6
                                                       19.5
                                                              19.6
                                                                    19.6
            14.7
                                                                          19.7
                                                                                 20.1
## [82405]
            23.0
                  21.8
                        21.4
                               20.5
                                     19.8
                                           18.9
                                                 18.0
                                                       17.2
                                                              16.0
                                                                    14.7
                                                                          14.2
                                                                                 14.0
                               13.0
                                                       19.0
                                                                          19.9
## [82417]
            14.5
                  13.6
                        13.1
                                     14.4
                                           16.4
                                                 17.7
                                                              20.4
                                                                    20.3
                                                                                 20.1
## [82429]
            20.2
                  20.6
                        20.5
                               20.1
                                     19.6
                                           18.5
                                                 16.3
                                                       17.0
                                                              16.4
                                                                    14.4
                                                                          14.1
            13.1
## [82441]
                  13.6
                        12.3
                              11.9
                                     13.9
                                           15.7
                                                 17.1
                                                       18.4
                                                              19.2
                                                                    20.1
                                                                          20.9
                                                                                 21.4
            21.5
                  21.5
                        21.1
                               20.6
                                     19.4
                                           17.8
                                                 16.2
                                                       15.6
                                                              15.1
                                                                    14.5
##
  [82453]
                                                                          13.8
                                                                                 13.3
                                     14.2
                                                                    20.8
##
  [82465]
            13.1
                  13.3
                        13.3
                              13.2
                                           15.7
                                                 17.4
                                                       18.9
                                                              19.6
                                                                          21.5
                                                                                 22.0
  [82477]
            23.0
                  20.7
                        21.1
                               20.6
                                     20.2
                                           18.7
                                                 16.4
                                                       15.4
                                                              15.6
                                                                    15.9
                                                                          15.4
  [82489]
            14.0
                  14.4
                        14.0
                               12.7
                                     15.4
                                           17.5
                                                 19.1
                                                       20.6
                                                              21.9
                                                                    22.9
                                                                          23.4
                                                                                 23.9
                                           20.2
                                                 17.4
##
   [82501]
            24.8
                  24.7
                        24.3
                               23.6
                                     22.3
                                                       15.6
                                                              15.1
                                                                    14.8
                                                                          14.4
                                                                                 14.2
  [82513]
            14.0
                  13.9
                        13.6
                               13.2
                                     16.3
                                           19.2
                                                 21.2
                                                       22.0
                                                              23.8
                                                                    24.4
                                                                          24.6
##
                                                                                 24.6
  [82525]
            25.9
                  25.7
                        25.1
                               24.1
                                     22.7
                                           20.7
                                                 17.7
                                                        16.8
                                                              16.2
                                                                    15.9
                                                                          15.7
                                                                                 15.4
##
   [82537]
            15.0
                  14.8
                        14.8
                               15.2
                                     18.1
                                           20.9
                                                 23.0
                                                       24.6
                                                              25.9
                                                                    26.9
                                                                          27.0
                                                                                 28.3
##
   [82549]
            29.0
                  28.8
                        28.1
                               27.0
                                     25.9
                                           24.0
                                                 21.5
                                                       20.3
                                                              19.5
                                                                    19.2
                                                                          19.0
                                                                                 19.1
   [82561]
            18.8
                  18.7
                         18.5
                               18.4
                                     20.2
                                           22.9
                                                 25.5
                                                       27.6
                                                              29.2
                                                                    30.3
                                                                          30.6
                                                                                 30.9
  [82573]
                        30.1
                               28.7
                                     27.4
                                           25.5
                                                 23.0
                                                       22.0
                                                              21.2
                                                                    20.9
                                                                          20.8
            31.7
                  31.2
                                                                                 20.9
   [82585]
            20.8
                  20.2
                        19.3
                               18.9
                                     21.5
                                           24.4
                                                 26.7
                                                        27.8
                                                              29.0
                                                                    29.9
                                                                          29.9
                                                                                 30.3
## [82597]
            31.1
                  30.8
                        29.8
                               28.6
                                     27.1
                                           25.4
                                                 23.4
                                                       22.3
                                                              21.4
                                                                    20.8
                                                                          20.2
                                                                                 19.7
  [82609]
            19.3
                  18.9
                        18.5
                               18.2
                                     18.8
                                           19.6
                                                 20.1
                                                       20.5
                                                              20.1
                                                                    20.2
                                                                          21.6
  [82621]
            24.8
                  25.6
                        25.4
                               24.5
                                     23.4
                                           21.5
                                                 19.3
                                                       18.5
                                                              17.9
                                                                    17.3
                                                                          16.7
                                                                                 16.1
   [82633]
            15.8
                  16.8
                        16.8
                               17.0
                                     18.0
                                           18.7
                                                 19.5
                                                       20.9
                                                              22.3
                                                                    22.9
                                                                          23.6
                                                                                 24.5
##
                                                 19.7
  [82645]
            26.1
                  26.3
                        26.0
                               25.4
                                     24.4
                                           22.7
                                                       18.9
                                                              18.0
                                                                    16.9
                                                                          16.5
                                                                                 16.5
##
                               17.2
                                     17.7
                                           18.8
                                                 20.1
                                                       21.4
                                                              22.5
                                                                    23.5
  [82657]
            16.6
                  17.2
                        17.1
                                                                          24.4
  [82669]
            26.7
                  27.0
                        26.9
                               26.6
                                     25.9
                                           24.1
                                                 20.7
                                                       19.1
                                                              18.5
                                                                    17.9
                                                                          17.1
                                                                                 16.7
                               16.7
   [82681]
            16.3
                  16.2
                        16.5
                                     18.9
                                           22.0
                                                 24.4
                                                       26.2
                                                              27.7
                                                                    28.9
                                                                          29.7
                                                                                 30.2
                  30.7
                                     28.3
                                                 24.2
                                                       23.0
                                                              21.8
                                                                          20.8
##
  [82693]
            30.8
                        30.2
                               29.4
                                           26.4
                                                                    21.0
                                                                                 20.6
                                                        26.7
                                                              28.8
                                                                    29.7
  [82705]
            20.2
                  19.6
                        20.4
                               20.7
                                     21.3
                                           22.1
                                                 25.2
                                                                          30.2
                  27.7
                                                       20.6
## [82717]
            28.0
                        26.7
                               25.5
                                     23.8
                                           23.1
                                                 21.6
                                                              19.5
                                                                    19.1
                                                                          18.1
                                                                                 17.6
##
  [82729]
            17.0
                  16.5
                        17.1
                               17.7
                                     18.4
                                           18.7
                                                 21.0
                                                       21.4
                                                              23.7
                                                                    22.6
                                                                          22.2
                                                                                 22.3
  [82741]
                        23.9
                                     22.4
                                           21.0
            22.3
                  24.2
                               23.3
                                                 19.0
                                                       18.6
                                                              17.5
                                                                    17.5
                                                                          17.0
                                                                                 16.6
            16.3
                        16.2
  [82753]
                  16.1
                               16.1
                                     18.5
                                           20.2
                                                 21.3
                                                       22.4
                                                              23.6
                                                                    24.3
                                                                          22.6
                                                                                 23.0
                                     23.2
## [82765]
            25.8
                  25.7
                        25.1
                               24.2
                                           21.8
                                                 19.5
                                                       18.8
                                                              18.6
                                                                    18.4
                                                                          18.0
                                                                                 17.6
## [82777]
            17.2
                  16.9
                        16.8
                               16.5
                                     19.1
                                           21.5
                                                 23.1
                                                       24.2
                                                              24.9
                                                                    25.4
                                                                          25.7
                                                                                 25.5
## [82789]
            25.5
                  25.0
                        24.8
                               24.2
                                     23.3
                                           21.9
                                                 19.4 18.3
                                                             17.9
                                                                    16.9
                                                                          16.4
## [82801]
            14.8
                  14.3
                        13.9
                               14.0
                                     16.7
                                           19.1
                                                 20.8
                                                       21.9
                                                              22.3
                                                                    22.9
                                                                          23.5
                                                                                24.0
## [82813]
            24.8
                  24.7
                        24.4 23.6
                                     22.6
                                           21.1
                                                 19.0 17.8 17.0 16.4 15.8
                                                                               15.4
```

```
## [82825]
             14.9
                   14.4
                         14.0
                               14.2
                                      16.9
                                             19.0
                                                   20.6
                                                          21.8 22.8
                                                                       23.9
                                                                              24.8
   [82837]
            27.2
                   27.9
                          28.0
                                27.6
                                      26.5
                                             24.4
                                                   21.5
                                                          20.6
                                                                 20.6
                                                                       19.8
                                                                              19.7
                                                                                    18.9
                                                                              31.4
   [82849]
             18.1
                   17.8
                          17.8
                                17.6
                                      19.5
                                             23.1
                                                    26.6
                                                          27.8
                                                                 29.6
                                                                       30.7
                                28.4
                                             25.9
                                                    22.9
                                                                 20.9
                                                                       20.7
   [82861]
            31.4
                   31.4
                         30.5
                                      27.7
                                                          21.5
                                                                              20.8
                                                                                    20.7
##
   [82873]
             20.5
                   20.7
                          21.9
                                21.7
                                       23.2
                                             24.4
                                                    25.9
                                                          26.6
                                                                 27.7
                                                                       27.9
                                                                              29.1
                                                                                    29.6
   [82885]
            27.6
                   29.4
                          29.4
                                28.5
                                      26.0
                                             24.0
                                                   21.6
                                                          20.4
                                                                 19.5
                                                                       18.9
                                                                              18.4
##
                                                                                    18.0
                          16.9
                                      18.5
                                             20.6
                                                    22.5
                                                          23.9
                                                                 24.8
                                                                              26.5
   [82897]
             17.4
                   17.1
                                16.5
                                                                       25.7
             27.1
                   27.1
                          26.9
                                             23.2
                                                    19.9
                                                          18.6
                                                                 17.7
                                                                       16.9
##
   [82909]
                                26.3
                                      25.1
                                                                              16.4
                                                                                    15.9
##
   [82921]
             15.5
                   15.4
                          15.3
                                15.4
                                      18.2
                                             21.5
                                                    24.3
                                                          26.4
                                                                 27.7
                                                                       28.9
                                                                              29.7
                                                                                    30.2
                                                   22.6
                                                          22.5
                                                                 22.6
                                                                              20.7
                                                                                    20.0
##
   [82933]
             28.5
                   26.6
                          27.0
                                26.9
                                      26.4
                                             24.8
                                                                       22.1
   [82945]
             18.6
                   17.8
                          17.0
                                14.9
                                      14.3
                                             14.0
                                                    13.8
                                                          13.9
                                                                 13.8
                                                                       14.0
                                                                              14.0
                                                                                    14.7
                                      20.9
   [82957]
             22.5
                   23.2
                          23.4
                                22.0
                                             19.8
                                                    17.8
                                                          17.4
                                                                 16.9
                                                                       15.6
                                                                              15.0
##
                                                                                    14.6
##
   [82969]
             14.1
                   13.9
                          13.7
                                13.9
                                      17.0
                                             16.9
                                                    15.5
                                                          18.2
                                                                 18.2
                                                                       16.5
                                                                              18.3
                                                                                    19.9
   [82981]
             21.9
                          21.3
                                21.0
                                       20.6
                                             19.5
                                                          16.3
                                                                       16.3
##
                   20.4
                                                    16.9
                                                                 16.2
                                                                              16.4
                                                                                    16.3
   [82993]
             15.6
                   14.9
                          14.6
                                15.2
                                      17.1
                                             20.0
                                                    22.1
                                                          24.3
                                                                 25.1
                                                                       27.7
                                                                              28.3
                                                                                    28.7
##
   [83005]
             26.3
                   26.5
                          26.6
                                27.3
                                      26.7
                                             25.4
                                                    23.4
                                                          22.3
                                                                 21.8
                                                                       20.7
                                                                              19.1
                                                                                    19.0
   [83017]
                   18.4
                          18.6
                                18.5
                                      19.9
                                             22.9
                                                    25.3
                                                          27.1
                                                                 28.0
                                                                       28.7
                                                                              29.2
##
             18.5
                                                                                    29.5
   [83029]
             29.8
                   29.9
                          29.5
                                28.7
                                      27.3
                                             25.7
                                                    23.8
                                                          23.4
                                                                 22.0
                                                                       20.9
                                                                              20.3
   [83041]
                   19.0
                          18.8
                                18.8
                                      21.0
                                             23.9
                                                    26.6
                                                          28.8
                                                                 30.0
                                                                       31.1
             19.4
                                                                              31.7
                                                                                    32.1
   [83053]
            32.6
                   32.5
                          31.8
                                30.7
                                       29.1
                                             27.3
                                                    25.6
                                                          24.6
                                                                 23.4
                                                                       23.1
                                                                              22.8
                                                                                    22.6
                         21.9
##
   [83065]
            22.3
                   22.2
                                21.9
                                      23.4
                                             26.2
                                                    28.4
                                                          29.9
                                                                 31.1
                                                                       32.2
                                                                              32.9
                                                                                    33.4
   [83077]
            33.5
                   33.3
                          32.4
                                31.5
                                      30.2
                                             28.1
                                                    25.3
                                                          23.8
                                                                 22.5
                                                                       21.8
                                                                              21.2
            21.3
   [83089]
                   21.4
                          21.1
                                20.7
                                      22.5
                                             25.7
                                                    28.7
                                                          31.0
                                                                 32.7
                                                                       34.0
                                                                              34.6
##
                                                                                    34.9
                   35.1
                          34.7
                                      31.5
                                             29.4
                                                    26.7
                                                          24.6
                                                                 23.8
                                                                       23.3
                                                                              22.2
##
   [83101]
             35.1
                                33.5
                                                                                    21.8
                         20.7
                                             26.0
                                                    28.0
                                                          29.5
                                                                 30.8
                                                                              32.2
##
   [83113]
            21.5
                   21.1
                                20.5
                                      23.1
                                                                       31.6
                                                                                    32.5
   [83125]
             32.1
                   31.8
                          31.3
                                30.4
                                      28.9
                                             26.6
                                                    24.0
                                                          22.8
                                                                 21.8
                                                                       21.0
                                                                              20.4
                                                                                    19.7
   [83137]
             19.0
                   18.4
                          18.1
                                18.0
                                      20.2
                                             22.0
                                                    23.4
                                                          24.7
                                                                 25.9
                                                                       27.1
                                                                              28.4
                                                                                    29.4
##
                                      29.4
                                                    23.4
                                                          21.8
                                                                 20.4
##
   [83149]
             30.7
                   31.0
                          30.8
                                30.4
                                             27.3
                                                                       19.5
                                                                              19.0
                                                                                    18.9
                                                          26.2
                                                                 28.0
   [83161]
             18.7
                   18.5
                          18.2
                                18.1
                                      20.8
                                             23.3
                                                    24.6
                                                                       29.5
                                                                              30.7
                                                                                    31.5
##
   [83173]
             33.7
                   33.7
                          33.5
                                33.1
                                      32.2
                                             30.3
                                                    27.3
                                                          25.7
                                                                 24.3
                                                                       23.0
                                                                              22.3
                                                                                    21.8
##
   [83185]
             20.9
                   20.5
                          20.2
                                20.0
                                      22.5
                                             25.0
                                                    26.8
                                                          28.6
                                                                 29.9
                                                                       31.2
                                                                              32.2
                                                                                    32.8
##
   [83197]
             34.8
                   34.7
                          34.5
                                34.1
                                      33.1
                                             31.3
                                                    28.7
                                                          27.2
                                                                 25.9
                                                                       24.7
                                                                              23.7
                                                                                    23.1
                                                          32.3
                                                                 33.6
   [83209]
             22.5
                   22.2
                          22.0
                                22.1
                                      24.3
                                             27.7
                                                    30.5
                                                                       34.8
                                                                              35.8
                                                                                    36.3
   [83221]
                   35.9
                          35.3
                                34.4
                                      33.3
                                             31.3
                                                    28.0
                                                          26.3
                                                                 25.3
                                                                       24.7
                                                                              24.3
                                                                                    23.9
##
            36.1
   [83233]
             23.6
                   23.3
                          23.5
                                24.1
                                       25.5
                                             28.7
                                                    30.8
                                                          33.1
                                                                 34.8
                                                                       35.9
                                                                              36.3
                                                                                    36.8
   [83245]
            38.8
                   38.5
                          38.1
                                37.5
                                      36.6
                                             33.9
                                                    30.1
                                                          28.7
                                                                 27.2
                                                                       26.3
                                                                              25.5
##
                                                                                    24.9
   [83257]
             24.2
                   23.5
                          23.0
                                22.6
                                      25.5
                                             29.2
                                                    31.8
                                                          34.0
                                                                 35.6
                                                                       36.5
                                                                              37.2
                                                                                    37.6
   [83269]
            38.2
                   38.0
                          37.5
                                36.8
                                      35.6
                                             33.0
                                                    30.1
                                                          28.4
                                                                 27.4
                                                                       26.4
                                                                              25.4
                                                                                    24.9
##
   [83281]
             24.6
                   24.4
                          24.8
                                25.0
                                      26.8
                                             30.0
                                                    32.8
                                                          35.1
                                                                 37.1
                                                                       38.7
                                                                              39.8
                                                                                    40.3
##
                                                                 26.1
   [83293]
             40.5
                   40.6
                          40.0
                                38.8
                                      37.2
                                             33.6
                                                    28.1
                                                          27.7
                                                                       25.2
                                                                              24.4
                                                                                    23.3
##
   [83305]
                   21.7
                          21.1
                                21.0
                                      22.6
                                             25.0
                                                    27.3
                                                          28.8
                                                                 30.9
                                                                       33.1
                                                                              33.8
            22.4
   [83317]
            34.3
                   30.5
                         30.1
                                30.0
                                      26.6
                                             25.9
                                                    24.7
                                                          24.1
                                                                 23.1
                                                                       22.6
                                                                              21.6
                                                                                    20.8
##
                                                    22.3
                                                          24.0
##
   [83329]
             20.0
                   18.9
                          18.4
                                18.0
                                      19.5
                                             20.7
                                                                 25.0
                                                                       24.8
                                                                              26.3
                                                                                    26.9
                   28.0
                                                    21.3
                                                          20.7
                                                                 20.4
                                                                       19.9
                                                                              19.2
##
   [83341]
             28.3
                          27.4
                                26.3
                                      23.9
                                             22.8
                                                                                    18.3
                                                          25.4
                                                                 26.5
   [83353]
             17.6
                   16.9
                          16.6
                                16.7
                                      19.4
                                             22.0
                                                    24.0
                                                                       27.3
                                                                              27.4
                                                                                    27.6
                                                    21.0
                                                          20.4
   [83365]
             26.9
                   26.8
                          26.4
                                25.5
                                      24.4
                                             22.7
                                                                 19.7
                                                                       19.0
                                                                              18.5
##
                                                                                    18.1
##
   [83377]
             17.6
                   17.1
                          16.9
                                16.8
                                      18.8
                                             21.0
                                                    22.9
                                                          24.4
                                                                 25.4
                                                                       26.6
                                                                              26.9
                                                                                    27.4
   [83389]
                                      25.3
                                                   21.5
                                                          20.3
                                                                 19.6
                                                                       18.8
##
             27.5
                   27.6
                          27.1
                                26.4
                                             23.6
                                                                              17.9
                                                                                    17.2
            17.1
   [83401]
                   17.0
                          16.8
                                16.5
                                      19.3
                                             21.8
                                                   24.2
                                                          26.5
                                                                 28.4
                                                                       29.6
                                                                              30.6
                                                                                    31.0
                                      26.0
                                                          20.6
   [83413]
             29.4
                   29.2
                          28.5
                                27.3
                                             24.1
                                                    21.8
                                                                 19.6
                                                                       18.7
                                                                              17.9
                                                                                    17.5
## [83425]
             17.2
                   17.0
                          16.7
                                16.5
                                      18.7
                                             20.8
                                                   22.3
                                                          23.7
                                                                 24.9
                                                                       25.9
                                                                              26.8
                                                                                    27.5
## [83437]
             28.9
                   29.3
                          29.5
                                29.2
                                      28.3
                                             26.3
                                                   22.5
                                                          21.7
                                                                 20.9
                                                                       19.8
                                                                             19.2
                                                                                    18.7
## [83449]
             18.3
                   18.0
                          17.8
                                17.6
                                      20.6
                                             24.3
                                                    26.8
                                                          28.7
                                                                 30.3
                                                                       31.3
                                                                             32.1
                                                                                    32.6
                                             30.2 27.5
## [83461]
             33.8
                   33.9
                         33.3
                               32.5
                                      31.6
                                                          25.0 23.6 22.6 22.3
                                                                                    22.0
```

```
## [83473]
             21.5
                   21.4
                          20.8
                                20.0
                                       22.3
                                             24.7
                                                    26.2
                                                          27.5
                                                                 28.5
                                                                        29.3
                                                                              29.8
   [83485]
             30.3
                   30.2
                          29.7
                                28.7
                                       27.3
                                             25.4
                                                    23.3
                                                          22.3
                                                                 21.5
                                                                        20.8
                                                                              20.2
                                                                                     19.6
##
   [83497]
             19.4
                   19.2
                          19.0
                                18.5
                                       20.3
                                             21.8
                                                    23.1
                                                          24.4
                                                                 25.4
                                                                        26.6
                                                                              27.6
                                                                                     28.7
                                             26.6
                                                    23.2
                                                          21.5
                                                                 20.4
   [83509]
             30.9
                   31.2
                          31.0
                                30.4
                                       29.0
                                                                        19.6
                                                                              19.2
                                                                                     19.1
##
   [83521]
             18.8
                   18.6
                          18.2
                                17.8
                                       19.9
                                             22.1
                                                    24.0
                                                           25.4
                                                                 26.7
                                                                        28.0
                                                                              29.5
                                                                                     30.9
   [83533]
             33.7
                   34.0
                          33.9
                                33.4
                                       32.1
                                             29.0
                                                    24.4
                                                          23.2
                                                                 22.3
                                                                        21.5
                                                                              20.9
                                                                                     20.4
##
                   19.5
                          19.3
                                19.1
                                       21.7
                                             24.5
                                                    26.7
                                                           28.5
                                                                 30.6
                                                                        32.5
   [83545]
             19.9
                                                                              34.1
                                       32.8
                                             30.6
                                                    28.3
                                                          26.8
                                                                 25.1
                                                                        24.4
##
   [83557]
             36.1
                   36.6
                          35.7
                                34.1
                                                                              23.7
                                                                                     23.1
                                                                 30.6
##
   [83569]
             22.9
                   22.7
                          22.2
                                22.3
                                       24.2
                                             25.7
                                                    27.2
                                                           29.1
                                                                        31.5
                                                                              30.7
                                                                                     31.1
                   29.0
                                             24.6
                                                    22.9
                                                          22.2
                                                                              20.9
                                                                                     20.7
##
   [83581]
             29.3
                          28.3
                                27.5
                                       26.2
                                                                 21.7
                                                                        21.4
   [83593]
             21.0
                   20.9
                          20.7
                                20.4
                                       21.1
                                             22.2
                                                    23.5
                                                           24.6
                                                                 25.6
                                                                        26.7
                                                                              27.6
                                                                                     28.2
                                27.2
                                       25.7
                                                    22.0
                                                          21.3
   [83605]
             28.5
                   28.6
                          28.2
                                             23.9
                                                                 20.8
                                                                        20.3
                                                                              19.8
                                                                                     19.7
##
##
   [83617]
             19.2
                   18.7
                          18.0
                                17.3
                                       19.0
                                             20.9
                                                    22.6
                                                          24.1
                                                                 25.1
                                                                        26.5
                                                                              27.4
                                                                                     27.9
             27.7
                   27.5
                          27.0
                                26.3
                                       25.1
                                             23.5
                                                          21.7
                                                                 22.1
                                                                        21.5
                                                                              21.4
##
   [83629]
                                                    21.9
                                                                                     21.3
   [83641]
             21.0
                   20.7
                          20.3
                                19.9
                                       20.1
                                             21.0
                                                    22.8
                                                          24.8
                                                                 25.8
                                                                        25.5
                                                                              27.4
                                                                                     26.4
##
   [83653]
             26.3
                   25.2
                          25.3
                                25.5
                                       23.9
                                             22.9
                                                    22.2
                                                           21.4
                                                                 20.7
                                                                        20.4
                                                                              20.0
                                                                                     19.2
                   16.8
                          16.4
                                             17.7
                                                    18.5
                                                          18.8
                                                                 19.2
                                                                        18.6
                                                                              17.9
##
   [83665]
             17.9
                                16.3
                                       16.8
                                                                                     16.7
   [83677]
             20.0
                   19.5
                          18.7
                                18.6
                                       18.4
                                             18.1
                                                    17.8
                                                          18.0
                                                                 17.9
                                                                        17.8
                                                                              17.5
                                                                              28.0
   [83689]
                   14.7
                          14.6
                                14.9
                                       17.5
                                             20.8
                                                    23.2
                                                          24.3
                                                                 25.0
                                                                        26.5
                                                                                     28.8
             14.7
   [83701]
             28.8
                   28.8
                          28.4
                                27.6
                                       26.4
                                             24.4
                                                    22.1
                                                           21.1
                                                                 20.2
                                                                        19.2
                                                                              18.4
                                                                                     17.7
                                       18.4
##
   [83713]
             17.1
                   16.6
                          16.3
                                16.1
                                             21.2
                                                    23.6
                                                          25.5
                                                                 26.8
                                                                        27.6
                                                                              28.4
                                                                                     29.1
   [83725]
             28.8
                   28.7
                          28.3
                                27.7
                                       26.6
                                             24.7
                                                    22.7
                                                           21.7
                                                                 20.8
                                                                        19.8
                                                                              19.2
             17.9
                                                                 27.9
                                                                        28.5
   [83737]
                   17.5
                          17.2
                                16.9
                                       19.3
                                             22.4
                                                    24.9
                                                          26.8
                                                                              29.1
##
                                                                                     29.8
   [83749]
             30.1
                   30.2
                          29.8
                                29.0
                                       27.7
                                             25.8
                                                    23.7
                                                           22.7
                                                                 21.5
                                                                        20.4
                                                                              19.4
##
                                                                                     18.6
             18.0
                                             22.2
                                                    24.1
                                                          25.4
                                                                 26.6
                                                                              29.0
##
   [83761]
                   17.6
                          17.2
                                16.8
                                       19.0
                                                                        27.9
                                                                                     30.1
                                                    24.3
                                                           22.4
   [83773]
             31.0
                   31.2
                          31.2
                                30.8
                                       29.7
                                             27.7
                                                                 21.2
                                                                        20.2
                                                                              19.9
   [83785]
             19.1
                   18.5
                          18.4
                                18.2
                                       20.8
                                             24.3
                                                    26.8
                                                          28.8
                                                                 30.4
                                                                        31.5
                                                                              32.4
                                                                                     33.3
##
   [83797]
             34.8
                                       33.2
                                             30.4
                                                    26.0
                                                           24.6
                                                                 23.6
##
                   34.9
                          34.9
                                34.5
                                                                        22.8
                                                                              22.4
                                                                                     21.7
                                                          30.3
   [83809]
             21.1
                   20.6
                          20.2
                                20.0
                                       22.1
                                             25.7
                                                    28.4
                                                                 31.6
                                                                        32.7
                                                                              33.6
                                                                                     34.3
##
   [83821]
             35.6
                   35.6
                          35.3
                                34.7
                                       33.6
                                              30.9
                                                    26.4
                                                           25.1
                                                                 24.1
                                                                        23.2
                                                                              22.7
                                                                                     22.1
##
   [83833]
             21.6
                   21.3
                          21.1
                                21.1
                                       23.9
                                              27.9
                                                    31.4
                                                          34.0
                                                                 35.8
                                                                        36.7
                                                                              37.5
                                                                                     37.6
##
   [83845]
             36.2
                   35.3
                          34.6
                                33.7
                                       31.8
                                             29.2
                                                    26.3
                                                          24.9
                                                                 24.3
                                                                        23.7
                                                                              23.1
                                                                                     22.9
                                       23.9
                                                          30.9
                                                                 32.1
##
   [83857]
             22.5
                   22.1
                          22.0
                                22.0
                                             26.6
                                                    28.8
                                                                        32.9
                                                                              33.7
                                                                                     34.0
   [83869]
                   34.0
                          33.2
                                32.3
                                       30.7
                                             28.2
                                                    25.1
                                                          23.8
                                                                 23.0
                                                                        22.6
                                                                              22.4
                                                                                     22.7
##
             34.4
   [83881]
             22.4
                   22.1
                          21.6
                                21.4
                                       22.6
                                             25.4
                                                    28.0
                                                           29.6
                                                                 30.6
                                                                        30.9
                                                                              30.2
                                                                                     29.4
   [83893]
             27.8
                   27.8
                          29.2
                                26.9
                                       24.1
                                             22.0
                                                    20.8
                                                          19.7
                                                                 18.8
                                                                        18.1
                                                                              18.6
##
                                                                                     18.0
   [83905]
             17.6
                   17.7
                          17.8
                                17.7
                                       19.2
                                             21.8
                                                    24.1
                                                           25.0
                                                                 25.4
                                                                        25.4
                                                                              25.7
   [83917]
             27.4
                   27.2
                          26.8
                                26.2
                                       25.1
                                             23.4
                                                    21.2
                                                          20.2
                                                                 19.6
                                                                        19.0
                                                                              18.6
                                                                                     18.3
##
   [83929]
             18.0
                   17.9
                          17.7
                                17.8
                                       19.5
                                             22.5
                                                    26.0
                                                           28.2
                                                                 29.8
                                                                        30.9
                                                                              32.0
                                                                                     32.6
##
                                                    24.0
                                                          23.5
                                                                 23.4
   [83941]
             32.6
                   32.6
                          31.8
                                30.2
                                       29.0
                                             26.8
                                                                        22.8
                                                                              22.2
                                                                                     21.9
##
   [83953]
                   21.6
                          21.5
                                       22.8
                                             25.2
                                                    27.6
                                                          29.4
                                                                 30.4
                                                                        31.3
             21.6
                                21.4
                                                                              32.2
   [83965]
             32.4
                   32.4
                          32.0
                                31.2
                                       29.7
                                             27.5
                                                    25.3
                                                          24.2
                                                                 23.0
                                                                        21.9
                                                                              21.0
                                                                                     20.5
##
   [83977]
                                18.5
                                       19.7
                                             21.8
                                                    23.8
                                                           25.3
                                                                 26.1
##
             19.9
                   19.5
                          19.1
                                                                        26.9
                                                                              27.6
                                                                                     28.1
   [83989]
                                27.0
                                                    22.4
                                                           22.0
                                                                 21.5
                                                                              20.1
##
             28.8
                   28.6
                          27.9
                                       25.6
                                             23.7
                                                                        20.7
                                                                                     19.6
                                                    23.9
                                                           25.6
                                                                 26.5
   [84001]
             19.0
                   18.7
                          18.8
                                18.8
                                       19.7
                                              21.6
                                                                        27.5
                                                                              28.4
                                                                                     29.0
                                                          23.1
                                                                 22.5
   [84013]
             29.9
                   29.8
                          29.1
                                28.1
                                       26.7
                                             24.8
                                                    23.3
                                                                        21.5
                                                                              20.9
                                                                                     20.5
##
                                                           27.0
##
   [84025]
             20.0
                   19.6
                          19.2
                                18.8
                                       20.0
                                             22.4
                                                    24.9
                                                                 28.8
                                                                        29.8
                                                                              30.8
                                                                                     31.7
                                       28.9
                                             26.8
                                                    24.9
                                                          23.9
                                                                 23.6
                                                                        22.8
                                                                              21.9
##
   [84037]
             31.4
                   31.5
                          31.0
                                30.2
                                                                                     21.2
             20.6
   [84049]
                   20.0
                          19.5
                                20.0
                                       20.8
                                             23.8
                                                    26.5
                                                          29.1
                                                                 31.1
                                                                        32.4
                                                                              33.2
                                                                                     33.8
   [84061]
             33.8
                   33.9
                          33.5
                                32.8
                                       31.5
                                              29.1
                                                    26.0
                                                          24.3
                                                                 23.2
                                                                        22.3
                                                                              21.6
                                                                                     21.1
   [84073]
             21.1
                   20.8
                          20.3
                                20.2
                                       22.5
                                             26.3
                                                    29.3
                                                          31.5
                                                                 33.5
                                                                        34.9
                                                                              33.8
##
                                                                                     34.2
                                       32.4
                                                                 25.9
  [84085]
             34.5
                   34.4
                          34.1
                                33.5
                                             30.4
                                                    27.2
                                                          25.7
                                                                        24.7
                                                                              24.3
                                                                                     24.0
## [84097]
             23.5
                   23.0
                          22.4
                                22.0
                                       23.5
                                             27.1
                                                    30.5
                                                          32.9
                                                                 34.4
                                                                        36.1
                                                                              36.6
                                                                                     36.2
                                                    27.4
## [84109]
             35.9
                   36.0
                         35.6
                               34.7
                                       33.2
                                             30.5
                                                          25.9
                                                                 24.7
                                                                        23.7
                                                                              22.9
                                                                                     22.3
```

```
## [84121]
            22.7
                  23.2
                         23.0
                               22.7
                                     23.7 27.2 30.1
                                                        32.5 34.6
                                                                     36.8
                                                                           37.8
  [84133]
            37.1
                  36.6
                         36.3
                               35.5
                                     34.0
                                            31.2
                                                  28.2
                                                        27.1
                                                               26.3
                                                                     25.0
                                                                            24.0
                                                                                  23.8
                                                  29.0
                                                        30.7
  [84145]
            23.9
                  23.8
                         23.4
                               23.0
                                     24.3
                                            27.0
                                                               32.1
                                                                     33.9
                                                                            35.7
                                            31.3
                                                  28.5
                                                        27.5
                                                               26.4
  [84157]
            37.5
                  37.2
                         36.4
                               35.7
                                     34.1
                                                                     25.3
                                                                            24.6
                                                                                  23.8
   [84169]
            23.2
                  22.7
                         22.4
                               22.2
                                     24.0
                                            27.6
                                                  30.9
                                                        33.1
                                                               34.4
                                                                     35.2
                                                                            35.3
                                                                                  35.5
  [84181]
            32.5
                  32.2
                         31.8
                               30.8
                                     29.2
                                            27.1
                                                  25.4
                                                        24.4
                                                               23.5
                                                                     22.7
                                                                            22.2
                                                                                  22.0
##
                                     22.1
                                            24.4
                                                  26.4
                                                        27.9
                                                               29.3
                                                                     30.8
   [84193]
            21.8
                  21.7
                         21.6
                               21.4
                                                                            32.0
                         30.9
                               30.0
                                     28.2
                                            26.1
                                                  24.8
                                                        24.1
                                                               23.3
                                                                     22.4
  [84205]
            31.5
                  31.6
                                                                            21.9
                                                                                  21.6
                                                  25.3
##
   [84217]
            21.4
                  21.1
                         20.7
                               20.2
                                     20.9
                                            23.2
                                                         26.9
                                                               28.3
                                                                     29.7
                                                                            31.2
                                                                                  32.2
                                                  25.5
                                                        24.5
                                                               23.5
##
   [84229]
            32.1
                  32.1
                         31.8
                               31.0
                                     29.5
                                            27.3
                                                                     22.6
                                                                            21.8
                                                                                  21.0
                                            22.8
   [84241]
            20.2
                  19.6
                         19.4
                               19.2
                                     20.0
                                                  24.8
                                                         26.7
                                                               28.2
                                                                     30.0
                                                                            31.8
                                                                                  33.2
   [84253]
                  34.0
                         33.7
                               32.7
                                     31.1
                                            28.6
                                                  26.3
                                                        25.1
                                                               24.0
                                                                     22.9
                                                                            21.9
##
            33.7
                                                                                  21.2
##
   [84265]
            20.5
                  20.0
                         19.7
                               19.6
                                     20.3
                                            23.1
                                                  25.7
                                                         28.3
                                                               30.5
                                                                     32.2
                                                                            33.3
                                                                                  34.4
                  35.4
                         34.9
                                     32.9
                                            29.3
                                                  26.1
                                                         24.8
                                                               23.5
                                                                     22.6
                                                                            21.9
##
   [84277]
            35.0
                               34.0
                                                                                  21.2
   [84289]
            20.6
                  20.1
                         19.9
                               19.5
                                     21.1
                                            25.0
                                                  28.4
                                                         30.5
                                                               31.6
                                                                     32.5
                                                                            33.0
                                                                                  34.0
   [84301]
            35.5
                  35.6
                         35.3
                               32.9
                                     30.1
                                            27.6
                                                  26.7
                                                         26.4
                                                               26.0
                                                                     24.8
                                                                            24.2
                                                                                  23.3
   [84313]
            22.8
                  22.5
                         22.4
                                     21.0
                                            23.2
                                                  25.0
                                                        27.1
                                                               29.3
                                                                     30.9
                                                                            32.2
##
                               21.1
                                                                                  33.0
   [84325]
            32.6
                  30.0
                         29.5
                               28.8
                                     27.9
                                            25.5
                                                  23.6
                                                        23.5
                                                               21.9
                                                                     21.7
                                                                            21.0
                                                                                  20.6
   [84337]
            20.6
                  20.4
                         20.3
                               19.6
                                     21.0
                                            24.9
                                                  26.5
                                                        27.9
                                                               29.7
                                                                     31.4
                                                                           32.7
                                                                                  33.8
   [84349]
            32.8
                  30.1
                         29.1
                               28.7
                                     27.7
                                            25.3
                                                  23.8
                                                        23.1
                                                               22.7
                                                                     22.4
                                                                            22.0
                                                                                  21.9
                                     21.6
                                            24.6
                                                                           31.0
##
  [84361]
            22.0
                  22.2
                         21.7
                               21.2
                                                  26.5
                                                        28.4
                                                               29.7
                                                                     30.6
                                                                                  31.4
   [84373]
            31.4
                  31.6
                         31.3
                               30.7
                                     29.6
                                            27.3
                                                  25.8
                                                        24.8
                                                               23.6
                                                                     22.7
                                                                            22.2
                                            23.1
                                                        27.1
   [84385]
            21.7
                  21.2
                         20.6
                               20.1
                                     20.5
                                                  25.3
                                                               28.7
                                                                     29.6
                                                                           30.6
##
                                                                                  31.1
   [84397]
            30.3
                  30.5
                         30.4
                               29.9
                                     28.7
                                            26.2
                                                  24.4
                                                        23.3
                                                               22.4
                                                                     21.3
                                                                            20.1
##
                                            22.8
                                                  26.0
                                                        28.2
                                                               30.1
                                                                                  32.0
##
   [84409]
            18.9
                  18.7
                         18.5
                               17.9
                                     18.9
                                                                     31.2 32.0
                                                  24.7
   [84421]
            32.2
                  32.2
                         32.0
                               31.4
                                     30.3
                                            27.2
                                                         23.1
                                                               21.9
                                                                     21.2
                                                                            20.7
##
   [84433]
            19.8
                  19.3
                         19.2
                               18.6
                                     19.7
                                            23.3
                                                  25.8
                                                        28.0
                                                               29.7
                                                                     31.0
                                                                            31.9
                                                                                  32.4
            32.8
                  32.7
                                     29.7
                                            26.7
                                                  24.6
                                                         23.6
                                                               22.7
   [84445]
                         32.1
                               31.2
                                                                     21.9
                                                                            21.0
                                                                                  20.6
                                                        25.5
                                                               26.8
                                                                     28.2
##
   [84457]
            20.1
                  19.8
                         19.6
                               19.5
                                     20.2
                                            22.5
                                                  23.8
                                                                            29.6
                                                                                  30.7
   [84469]
            31.8
                  32.2
                         31.9
                               31.2
                                     30.2
                                            26.8
                                                  24.8
                                                        23.6
                                                               22.4
                                                                     21.4
                                                                            20.5
                                                                                  19.9
##
   [84481]
            19.6
                  19.5
                         19.5
                               19.3
                                     19.9
                                            22.6
                                                  24.8
                                                        26.7
                                                               28.5
                                                                     29.9
                                                                            31.2
                                                                                  32.2
##
   [84493]
            32.2
                  32.3
                         32.1
                               31.3
                                     28.0
                                            23.9
                                                  23.0
                                                        23.2
                                                               23.0
                                                                     22.5
                                                                            22.4
                                                                                  22.0
                                                        20.4
                                                               20.9
   [84505]
            21.7
                  21.1
                         20.7
                               21.7
                                     21.2
                                            20.9
                                                  19.5
                                                                     22.2
                                                                            25.9
                                                                                  26.3
   [84517]
            25.9
                  25.9
                         25.7
                               25.2
                                     23.9
                                            21.1
                                                  19.8
                                                        19.3
                                                               18.4
                                                                     17.9
                                                                            17.6
                                                                                  17.4
   [84529]
            17.0
                  16.9
                         16.9
                               16.8
                                     17.1
                                            20.3
                                                  23.3
                                                        25.4
                                                               26.9
                                                                     27.9
                                                                            28.7
                                                                                  29.3
   [84541]
            28.8
                  28.8
                         28.1
                               26.9
                                     25.0
                                            21.8
                                                 20.6
                                                        20.5
                                                               20.0
                                                                     19.4
                                                                            18.7
##
                                                                                  18.2
   [84553]
            17.4
                  16.7
                         16.9
                               16.8
                                     16.9
                                            20.0
                                                  23.1
                                                        25.1
                                                               26.4
                                                                     27.7
                                                                            28.5
                                                                                  29.2
   [84565]
            28.7
                  28.7
                         28.2
                               27.2
                                     25.8
                                            22.9
                                                  21.6
                                                        21.0
                                                               20.3
                                                                     19.5
                                                                            18.7
                                                                                  18.0
##
   [84577]
            17.4
                  17.1
                         17.1
                               16.9
                                     16.9
                                            20.0
                                                  22.4
                                                        23.9
                                                               24.6
                                                                     25.5
                                                                            26.4
                                                                                  27.0
##
                                                        20.4
   [84589]
            27.6
                  27.4
                         26.7
                               25.5
                                     23.9
                                            21.7
                                                  21.0
                                                               19.7
                                                                     19.2
                                                                           18.9
                                                                                  18.6
##
                         17.0
                               16.5
                                     16.7
                                            19.7
                                                  22.4
                                                        24.3
                                                               25.3
                                                                     26.2
   [84601]
            18.2
                  17.7
                                                                            26.9
   [84613]
            27.4
                  27.5
                         26.8
                               25.8
                                     24.2
                                            22.1
                                                  21.3
                                                        20.7
                                                               20.3
                                                                     19.7
                                                                            19.1
                                                                                  18.6
                                     17.3
                                            19.7
                                                  22.3
                                                        24.3
   [84625]
            18.3
                  18.0
                         17.7
                               17.3
                                                               25.5
                                                                     26.6
                                                                            27.4
                                                                                  27.9
                  28.2
                         27.6
                               26.7
                                                  21.9
                                                        21.3
                                                               20.6
                                                                     19.9
                                                                            19.2
##
   [84637]
            28.2
                                     25.1
                                            22.8
                                                                                  18.5
                                                  23.6
                                                        25.6
                                                               27.1
   [84649]
            17.8
                  17.4
                         17.4
                               17.0
                                     17.1
                                            20.8
                                                                     28.2
                                                                            29.2
                                                        21.7
   [84661]
            30.5
                  30.7
                         30.5
                               29.9
                                     28.6
                                            24.8
                                                  23.0
                                                               21.0
                                                                     20.6
                                                                            20.1
##
                                                                                  19.3
##
   [84673]
            18.6
                  18.1
                         18.0
                               17.9
                                     18.7
                                            22.5
                                                  24.7
                                                         26.3
                                                               27.4
                                                                     28.4
                                                                            29.2
                                                                                  29.9
   [84685]
                         28.4
                                     24.8
                                            22.3
                                                  21.4
                                                        20.8
                                                               20.4
##
            29.6
                  29.2
                               26.9
                                                                     19.9
                                                                            19.7
                                                                                  19.8
            18.9
                         18.6
   [84697]
                  18.7
                               18.7
                                     18.6
                                            17.6
                                                  17.4
                                                        19.2
                                                               21.1
                                                                     22.4
                                                                            23.0
                                                                                  24.8
                                     21.8
                                                  19.2
   [84709]
            25.0
                  24.8
                         24.2
                               23.3
                                            19.9
                                                        18.7
                                                               18.1
                                                                     17.4
                                                                            16.9
                                                                                  16.3
## [84721]
            15.5
                  14.9
                         14.8
                               14.8
                                     14.7
                                            17.6
                                                  20.2
                                                        22.1
                                                               23.5
                                                                     24.7
                                                                            25.8
                                                                                  26.0
                                           20.9
## [84733]
            25.9
                  26.2
                         25.9
                               25.2
                                     23.8
                                                  19.5
                                                        18.4
                                                               17.6
                                                                     16.6
                                                                           15.8
## [84745]
            15.5
                  15.3
                         15.3
                               15.1
                                     15.0
                                            18.5
                                                  21.2
                                                        23.3
                                                               25.0
                                                                     26.2
                                                                           27.1
                                                                                  27.8
                                            21.3 20.1 18.8 17.2 16.5 15.9
## [84757]
            27.9
                  28.1
                         28.0 27.4
                                     25.8
```

```
## [84769]
            15.3
                   15.3 15.2 15.2
                                      15.6
                                            19.8 23.8
                                                         26.6
                                                                28.7
                                                                      30.1
                                                                             30.9
                                                                20.3
            31.5
                   31.6
                         31.2
                               30.3
                                      28.4
                                            23.4
                                                   22.0
                                                         21.5
                                                                      19.4
                                                                             18.8
                                                                                   18.2
   [84781]
   [84793]
            17.7
                   17.5
                         17.3
                                17.1
                                      17.2
                                            20.9
                                                   25.0
                                                         28.2
                                                                30.7
                                                                      32.6
                                                                             34.1
                                                                                   35.0
                                            25.1
                                                   23.8
                                                         22.9
                                                                22.8
                                                                      23.1
   [84805]
            34.1
                   33.2
                         32.1
                                30.7
                                      28.9
                                                                             23.0
                                                                                   23.3
   [84817]
            21.9
                   20.7
                         20.2
                                19.2
                                      19.3
                                            22.3
                                                   24.7
                                                         26.2
                                                                27.5
                                                                      28.6
                                                                             29.8
                                                                                   30.6
   [84829]
            30.4
                   30.5
                         30.1
                                28.9
                                      26.8
                                            23.5
                                                   22.0
                                                         21.1
                                                                20.1
                                                                      19.4
                                                                             18.6
##
                                                                                   18.2
                                16.8
                                      16.4
                                            19.9
                                                   22.3
                                                         23.7
                                                                25.1
   [84841]
            17.6
                   17.7
                         17.0
                                                                      26.3
                                                                             27.3
            27.9
                   28.2
                                            21.5
                                                   21.9
                                                         21.6
                                                                20.9
                                                                      20.5
##
   [84853]
                         28.0
                                27.5
                                      25.4
                                                                             18.9
                                                                                   18.5
##
   [84865]
            18.8
                   17.4
                         17.0
                                17.9
                                      18.2
                                            19.7
                                                   22.7
                                                         24.0
                                                                24.9
                                                                      25.7
                                                                             26.2
                                                                                   26.6
##
   [84877]
            26.6
                   26.2
                         25.5
                                24.5
                                      22.8
                                            19.4
                                                   18.9
                                                         18.4
                                                                17.7
                                                                      17.2
                                                                             16.9
                                                                                   16.8
   [84889]
            16.7
                   16.6
                         16.4
                                16.1
                                      16.0
                                            18.9
                                                   22.4
                                                         25.4
                                                                27.4
                                                                      28.7
                                                                             29.6
   [84901]
            29.6
                   28.8
                         27.9
                                26.8
                                      24.9
                                            21.8
                                                   21.3
                                                         21.2
                                                                20.3
                                                                      19.8
                                                                             19.3
                                                                                   18.8
##
##
   [84913]
            18.3
                   17.9
                         17.6
                                17.4
                                      17.3
                                            20.2
                                                   24.5
                                                         27.1
                                                                28.7
                                                                      29.9
                                                                             30.7
                                                                                   31.4
   [84925]
                                28.7
                                      26.4
                                            23.3
                                                   22.5
                                                         21.9
                                                                21.3
                                                                             20.2
##
            31.8
                   31.6
                         30.4
                                                                      21.0
                                                                                   19.1
   [84937]
            18.3
                   18.7
                         18.8
                                18.9
                                      18.5
                                            20.7
                                                   24.3
                                                         27.1
                                                                29.2
                                                                      30.7
                                                                             31.8
                                                                                   32.1
   [84949]
            32.2
                   31.0
                         30.0
                                28.7
                                      26.9
                                            24.0
                                                   23.1
                                                         22.6
                                                                22.5
                                                                      21.9
                                                                             22.1
                                                                                   21.4
   [84961]
                   21.5
                                20.6
                                      20.5
                                            23.4
                                                   26.8
                                                         28.6
                                                                30.1
                                                                      31.4
                                                                             31.7
##
            21.1
                         21.0
                                                                                   31.3
   [84973]
            30.2
                   29.4
                         28.6
                                27.3
                                      25.3
                                            22.2
                                                   20.9
                                                         20.0
                                                                19.6
                                                                      19.3
                                                                             19.4
                                                         26.9
   [84985]
            19.5
                   19.5
                         19.5
                                19.7
                                      19.4
                                            21.3
                                                   24.7
                                                                28.8
                                                                      30.3
                                                                             31.4
                                                                                   32.3
   [84997]
            31.7
                   30.9
                         29.8
                                27.4
                                      24.4
                                            21.7
                                                   21.4
                                                         20.8
                                                                19.9
                                                                      19.3
                                                                             19.6
                                                                                   21.0
                                      21.8
##
   [85009]
            21.4
                   23.5
                         23.5
                                23.1
                                            22.7
                                                   24.6
                                                         25.4
                                                                26.5
                                                                      27.1
                                                                             27.3
                                                                                   27.6
   [85021]
            29.3
                   29.0
                         28.3
                                27.1
                                      25.3
                                            23.4
                                                   22.5
                                                         22.0
                                                                21.6
                                                                      20.9
                                                                             20.5
            19.4
                                                                27.8
                                                                      28.4
   [85033]
                   19.1
                         18.9
                                18.4
                                      18.3
                                            21.4
                                                   24.9
                                                         26.6
                                                                             28.5
##
                                                                                   28.8
   [85045]
            31.1
                   30.9
                         30.1
                                28.7
                                      26.3
                                            22.5
                                                   21.3
                                                         20.5
                                                                20.4
                                                                      20.3
                                                                             19.8
##
                                                                                   19.5
            19.0
                                                   24.3
                                                         26.4
                                                                27.4
                                                                      28.5
                                                                             29.3
                                                                                   29.8
##
   [85057]
                   19.3
                         19.3
                                19.1
                                      18.7
                                            21.6
                                                   22.3
   [85069]
            30.1
                   30.0
                         29.5
                                28.4
                                      26.4
                                            23.6
                                                         21.1
                                                                20.0
                                                                      19.1
                                                                             18.5
                                                                                   18.0
   [85081]
            17.7
                   17.5
                         17.6
                                17.4
                                      17.2
                                            20.7
                                                   24.1
                                                         26.5
                                                                28.1
                                                                      29.3
                                                                             30.4
                                                                                   31.3
##
   [85093]
            31.2
                         31.2
                                30.2
                                      27.8
                                                   23.1
                                                         22.3
##
                   31.5
                                            24.4
                                                                21.3
                                                                      20.2
                                                                             19.3
                                                                                   19.0
                                                                23.0
   [85105]
            19.0
                   19.0
                         19.4
                                19.1
                                      18.7
                                            19.5
                                                   20.5
                                                         21.7
                                                                      24.4
                                                                             26.0
                                                                                   27.7
##
   [85117]
            29.2
                   29.8
                         29.4
                                28.5
                                      26.4
                                            23.6
                                                   22.1
                                                         21.0
                                                                20.2
                                                                      19.8
                                                                             19.6
                                                                                   19.6
##
   [85129]
            19.9
                   19.8
                         19.6
                                19.5
                                      19.4
                                            21.5
                                                   23.2
                                                         24.9
                                                                26.5
                                                                      28.1
                                                                             29.8
                                                                                   31.2
##
   [85141]
            32.7
                   33.4
                         33.3
                                32.3
                                      29.4
                                            26.7
                                                   24.5
                                                         23.1
                                                                22.5
                                                                      22.3
                                                                             22.5
                                                                                   21.6
                                                         30.3
   [85153]
            20.8
                   20.9
                         21.2
                                21.0
                                      20.6
                                            22.6
                                                   27.4
                                                                31.2
                                                                      32.3
                                                                             33.5
                                                                                   34.4
                         35.0
   [85165]
                   35.8
                                33.4
                                      29.7
                                            26.0
                                                   24.1
                                                         23.6
                                                                22.1
                                                                      21.5
                                                                             20.9
            36.0
                                                                                   20.2
   [85177]
            19.4
                   19.1
                         18.9
                                18.4
                                      18.3
                                            20.5
                                                   23.0
                                                         25.3
                                                                27.2
                                                                      29.1
                                                                             31.5
                                                                                   33.1
   [85189]
            33.2
                   32.7
                         31.5
                                29.7
                                      26.3
                                            24.0
                                                   22.9
                                                         22.3
                                                                22.0
                                                                      22.0
                                                                             21.8
##
                                                                                   21.9
   [85201]
            22.3
                   22.5
                         22.4
                                21.7
                                      21.0
                                            22.7
                                                   27.2
                                                         30.7
                                                                31.9
                                                                      33.3
                                                                             32.5
                                                                                   30.9
   [85213]
            31.2
                   30.0
                         29.1
                                27.7
                                      25.3
                                            23.2
                                                   22.5
                                                         22.0
                                                                21.6
                                                                      21.1
                                                                             21.6
                                                                                   20.6
##
   [85225]
            19.8
                   19.4
                         18.4
                                17.7
                                      17.1
                                            19.9
                                                   22.4
                                                         23.5
                                                                24.2
                                                                      24.7
                                                                             24.9
                                                                                   24.8
##
                                                                                   17.1
   [85237]
            26.5
                   25.8
                         24.7
                                23.4
                                      21.1
                                            19.3
                                                   18.2
                                                         17.4
                                                                16.8
                                                                      16.8
                                                                             17.0
##
                                                         19.8
   [85249]
                   19.0
                         15.3
                                14.7
                                      14.4
                                            16.3
                                                   17.9
                                                                21.4
                                                                      22.6
            18.2
                                                                             23.4
   [85261]
            23.6
                   23.4
                         22.4
                                20.9
                                      19.0
                                            17.1
                                                   16.6
                                                         16.7
                                                                16.8
                                                                      16.4
                                                                             16.1
                                                                                   15.7
                                      11.6
                                            14.5
                                                   17.9
##
   [85273]
            14.5
                   13.6
                         13.0
                                12.3
                                                         19.8
                                                                21.1
                                                                      22.4
                                                                             23.4
                                                                                   23.9
                                20.9
                                      18.5
                                                   17.2
                                                         17.0
                                                                16.9
                                                                      16.9
##
   [85285]
            23.4
                   23.1
                         22.2
                                            16.9
                                                                             16.1
                                                                                   15.8
   [85297]
                                                   19.7
                                                         22.3
                                                                23.7
            15.4
                   15.2
                         15.1
                                14.7
                                      14.3
                                            16.2
                                                                      24.8
                                                                             25.5
                   25.4
                                                         17.4
   [85309]
            25.6
                         24.7
                                23.7
                                      21.0
                                            18.8
                                                   17.9
                                                                17.5
                                                                      16.9
                                                                             17.6
                                                                                   17.9
##
                                                         22.1
##
   [85321]
            17.8
                   17.7
                         17.6
                                16.6
                                      16.5
                                            18.3
                                                   20.3
                                                                22.9
                                                                      24.0
                                                                             24.6
                                                                                   25.0
   [85333]
                         23.9
                                22.8
                                      21.0
                                            20.2
                                                   20.0
                                                         19.9
                                                                19.6
                                                                      19.2
                                                                             19.7
                                                                                   19.7
##
            24.9
                   24.6
            19.6
   [85345]
                   19.6
                         19.6
                                19.4
                                      18.9
                                            19.0
                                                   20.7
                                                         22.6
                                                                21.4
                                                                      20.8
                                                                             21.5
                                                                                   22.3
                                      20.0
                                                         17.9
                                                                17.4
   [85357]
            23.5
                   23.0
                         23.0
                                21.8
                                             19.1
                                                   18.3
                                                                      18.5
                                                                             19.1
                                                                                   19.2
   [85369]
            18.8
                   17.5
                         16.9
                                18.0
                                      18.1
                                            18.6
                                                   19.5
                                                         20.2
                                                                21.0
                                                                      21.8
                                                                             22.1
##
                                                                                   22.1
   [85381]
            23.7
                   23.6
                         23.2
                                22.0
                                      20.5
                                            20.9
                                                   19.5
                                                         18.4
                                                                18.0
                                                                      17.7
                                                                             17.2
  [85393]
            16.9
                   16.5
                         16.1
                                15.9
                                      15.8
                                            16.8
                                                   18.1
                                                         19.4
                                                                19.6
                                                                      20.3
                                                                             20.3
                                                                                   20.0
## [85405]
            21.4
                   20.8 19.6 19.1
                                     17.7
                                            16.7
                                                   16.0 15.5 15.0 14.5 14.0
                                                                                   13.6
```

```
## [85417]
            13.5
                   13.4 13.1
                               12.7
                                      13.1
                                            13.7 15.5 17.2 17.2 18.5
                                                                            18.1
   [85429]
            19.4
                   19.1
                         18.9
                               18.7
                                      17.3
                                            16.7
                                                   16.2
                                                         15.9
                                                                15.6
                                                                      15.3
                                                                             15.2
                                                                                   14.8
   [85441]
                                                                             14.5
            14.4
                   13.6
                         13.1
                                12.5
                                      12.1
                                             12.1
                                                   12.2
                                                         12.2
                                                                12.7
                                                                      13.7
                                                   14.6
                                                                15.4
   [85453]
            13.8
                   13.9
                         13.9
                                13.8
                                      13.3
                                             13.7
                                                         15.3
                                                                      15.2
                                                                             14.8
                                                                                   14.5
   [85465]
            14.1
                   13.4
                         12.9
                                12.6
                                      12.3
                                             12.5
                                                   13.2
                                                         14.5
                                                                16.1
                                                                      18.1
                                                                             18.5
                                                                                   18.3
   [85477]
            15.5
                   16.4
                         16.8
                               17.1
                                      15.9
                                            15.3
                                                   14.4
                                                         13.7
                                                                13.1
                                                                      12.6
                                                                            12.1
                                                                                   11.8
##
   [85489]
                                      12.1
                                            12.8
                                                   14.8
                                                         16.6
                                                                17.9
                                                                      18.9
            11.5
                   11.3
                         11.2
                                11.1
                                                                             19.7
                   18.5
                               17.2
                                      15.5
                                            14.9
                                                   14.6
                                                         14.3
                                                                13.7
                                                                      13.2
##
   [85501]
            18.3
                         18.2
                                                                             12.7
                                                                                   12.2
                                             11.5
                                                   14.2
##
   [85513]
            11.8
                   11.4
                         11.1
                                10.7
                                      10.3
                                                         15.9
                                                                17.1
                                                                      17.8
                                                                             18.3
                                                                                   18.6
                                                                12.7
##
   [85525]
            19.1
                   19.0
                         18.4
                                17.3
                                      15.4
                                             14.7
                                                   14.1
                                                         13.5
                                                                      12.0
                                                                             11.5
                                                                                   11.3
   [85537]
            10.8
                   10.3
                          9.9
                                 9.6
                                       9.1
                                             10.9
                                                   14.3
                                                         16.4
                                                                17.9
                                                                      18.9
                                                                             19.6
   [85549]
            20.4
                   20.5
                         20.1
                                19.3
                                      17.4
                                             16.7
                                                   16.2
                                                         15.5
                                                                14.5
                                                                      14.0
                                                                             13.9
                                                                                   13.7
##
##
   [85561]
            13.5
                   13.4
                         13.2
                                12.4
                                      12.8
                                             14.1
                                                   17.1
                                                         19.9
                                                                21.8
                                                                      23.3
                                                                             24.4
                                                                                   24.7
                                                   16.5
   [85573]
                   24.1
                         23.0
                                21.3
                                      18.4
                                             17.4
                                                         15.6
                                                                15.4
                                                                      15.2
                                                                             15.2
##
            24.6
                                                                                   14.8
   [85585]
            14.7
                   14.2
                         14.2
                                14.5
                                      14.4
                                             15.5
                                                   18.8
                                                         21.9
                                                                23.8
                                                                      24.9
                                                                             25.7
                                                                                   25.7
##
   [85597]
            25.7
                   25.2
                         24.2
                                22.3
                                      20.1
                                             19.4
                                                   18.6
                                                         17.6
                                                                16.8
                                                                      16.4
                                                                             16.2
                                                                                   16.1
   [85609]
            16.2
                   16.3
                         16.4
                                16.8
                                      17.1
                                             18.6
                                                   20.6
                                                         22.0
                                                                23.4
                                                                      25.1
                                                                             23.2
##
                                                                                   23.4
   [85621]
            25.2
                   24.4
                         23.7
                                22.6
                                      21.5
                                             20.9
                                                   20.4
                                                         18.9
                                                                11.1
                                                                      11.1
                                                                             10.8
                                                         13.1
   [85633]
                   10.3
                         10.1
                                 9.8
                                       9.8
                                             10.5
                                                   11.9
                                                                14.6
                                                                      15.7
                                                                             16.2
            10.6
                                                                                   16.5
   [85645]
            17.5
                   17.2
                         16.3
                                15.3
                                      13.3
                                             12.8
                                                   12.7
                                                         12.5
                                                                12.4
                                                                      12.2
                                                                             11.9
                                                                                   11.8
                                                   14.4
                                                         17.1
                                                                             20.5
##
   [85657]
            11.7
                   11.6
                         11.5
                                11.3
                                      11.0
                                             11.8
                                                                18.7
                                                                      19.9
                                                                                   20.8
   [85669]
            20.4
                   20.1
                         19.6
                                18.4
                                      16.1
                                             14.7
                                                   14.7
                                                         14.7
                                                                14.5
                                                                      14.5
                                                                             14.3
   [85681]
            14.0
                   13.8
                         13.5
                                12.5
                                      11.6
                                            12.0
                                                   15.1
                                                         17.5
                                                                19.0
                                                                      20.1
                                                                             21.1
##
                                                                                   21.8
   [85693]
            21.9
                   21.8
                         21.2
                                19.8
                                      17.5
                                             16.4
                                                   15.8
                                                         15.4
                                                                14.9
                                                                      14.4
                                                                             13.9
##
                                                                                   13.4
                                             12.8
                                                   16.0
                                                         18.8
                                                                20.4
                                                                      21.3
                                                                             22.0
                                                                                   22.3
##
   [85705]
            13.1
                   12.8
                         12.6
                               12.4
                                      12.2
   [85717]
            22.0
                   21.7
                         21.0
                                19.5
                                      16.5
                                             15.2
                                                   15.1
                                                         15.1
                                                                14.2
                                                                      13.6
                                                                             13.2
   [85729]
            12.5
                   12.3
                         12.1
                                12.0
                                      11.9
                                             12.4
                                                   15.7
                                                         18.2
                                                                19.7
                                                                      20.9
                                                                             21.7
                                                                                   22.1
##
            21.6
                                      16.5
                                             15.4
                                                   15.3
                                                         15.1
##
   [85741]
                   21.4
                         20.8
                                19.4
                                                                14.6
                                                                      14.1
                                                                             13.7
                                                                                   13.4
   [85753]
            13.1
                   12.8
                         12.6
                                12.4
                                      12.3
                                             12.8
                                                   16.0
                                                         18.8
                                                                20.9
                                                                      22.4
                                                                             23.4
                                                                                   23.9
##
   [85765]
            24.0
                   24.0
                         23.6
                                22.0
                                      17.7
                                             16.5
                                                   16.6
                                                         16.3
                                                                16.3
                                                                      16.2
                                                                             16.2
                                                                                   14.9
                                             13.7
##
   [85777]
            14.7
                   14.1
                         13.4
                                12.9
                                      12.7
                                                   16.3
                                                         18.2
                                                                19.7
                                                                      20.9
                                                                             21.7
                                                                                   22.0
##
   [85789]
            19.8
                   19.4
                         18.6
                                17.4
                                      15.8
                                             15.1
                                                   14.3
                                                         13.6
                                                                12.7
                                                                      12.9
                                                                             12.5
                                                                                   12.2
   [85801]
            12.0
                   12.0
                         11.8
                                11.8
                                      11.8
                                             11.7
                                                   15.2
                                                         17.6
                                                                19.1
                                                                      20.5
                                                                             21.1
                                                                                   22.0
   [85813]
                   21.5
                         20.8
                                19.6
                                      17.5
                                             17.4
                                                   17.1
                                                         17.2
                                                                16.8
                                                                      16.4
                                                                             16.2
            21.5
                                                                                   16.0
                                                         21.5
                                                                             23.5
   [85825]
            15.7
                   15.2
                         14.9
                                14.7
                                      14.5
                                             14.9
                                                   18.1
                                                                22.6
                                                                      23.2
                                                                                   22.8
   [85837]
            23.0
                   22.7
                         22.1
                                20.6
                                      18.3
                                             17.3
                                                   16.7
                                                         16.1
                                                                15.5
                                                                      15.1
                                                                             14.7
                                                                                   14.3
##
   [85849]
            14.1
                   13.9
                         14.0
                                14.3
                                      13.7
                                             13.6
                                                   14.6
                                                         16.5
                                                                18.2
                                                                      19.4
                                                                             20.4
   [85861]
            21.2
                   21.0
                         20.4
                                19.0
                                      16.7
                                             15.8
                                                   15.3
                                                         14.9
                                                                14.4
                                                                      13.9
                                                                             13.4
                                                                                   13.2
##
   [85873]
            13.1
                   12.9
                         12.8
                                12.7
                                      12.5
                                             13.6
                                                   16.6
                                                         18.7
                                                                20.2
                                                                      21.4
                                                                             22.3
                                                                                   22.8
##
                                20.4
                                                                      14.0
   [85885]
            23.0
                   22.8
                         22.1
                                      18.0
                                             17.1
                                                   16.4
                                                         15.6
                                                                14.8
                                                                             13.3
                                                                                   13.0
##
   [85897]
                   12.6
                         12.5
                                12.3
                                      12.3
                                             13.2
                                                   16.3
                                                         18.8
                                                                20.6
                                                                      22.2
                                                                             23.4
            12.8
   [85909]
            25.9
                   25.5
                         24.6
                                22.7
                                      20.0
                                             18.4
                                                   17.3
                                                         16.6
                                                                16.4
                                                                      16.2
                                                                             15.8
                                                                                   15.3
   [85921]
                                14.3
                                      13.9
                                             14.1
                                                   16.5
                                                         19.3
            14.9
                   14.4
                         14.4
                                                                21.6
                                                                      23.4
                                                                             24.3
                                                                                   24.5
            25.2
                   24.6
                         23.5
                                                         15.8
                                                                             14.8
##
   [85933]
                                21.1
                                      18.7
                                             17.3
                                                   16.5
                                                                15.4
                                                                      15.1
                                                                                   14.5
   [85945]
                                      14.2
                                                         20.5
                                                                22.8
            14.5
                   14.4
                         14.4
                                14.5
                                             14.4
                                                   16.8
                                                                      24.3
                                                                             25.4
                                                                                   26.0
                   25.8
                                             17.4
                                                         15.9
                                                                                   14.8
   [85957]
            26.1
                         24.7
                                21.9
                                      18.8
                                                   16.5
                                                                15.4
                                                                      15.2
                                                                             14.9
##
                                                   17.2
                                                         20.3
##
   [85969]
            14.7
                   14.4
                         14.1
                                13.9
                                      14.0
                                             14.6
                                                                22.6
                                                                      24.1
                                                                             25.0
                                                                                   25.6
   [85981]
            24.9
                   24.9
                                22.2
                                      19.7
                                             17.6
                                                   16.2
                                                         16.1
                                                                15.0
                                                                      14.4
                                                                             13.6
                                                                                   13.3
##
                         24.4
   [85993]
            12.8
                   12.3
                         12.4
                                12.6
                                      12.6
                                             13.8
                                                   16.7
                                                         19.9
                                                                22.0
                                                                      23.4
                                                                             24.2
                                                                                   24.5
                                22.3
                                      20.5
                                                                18.6
   [86005]
            24.8
                   24.5
                         23.8
                                             19.4
                                                   18.9
                                                         18.6
                                                                      18.3
                                                                             17.6
                                                                                   17.6
   [86017]
            17.5
                   16.8
                         16.5
                                15.7
                                      15.5
                                             15.3
                                                   15.4
                                                         15.3
                                                                16.8
                                                                      17.0
                                                                             18.5
##
                                                                                   16.9
   [86029]
            19.3
                   19.1
                         18.9
                                17.5
                                      15.9
                                             14.8
                                                   14.2
                                                         13.8
                                                                13.8
                                                                      13.4
                                                                             13.2
                                                                                   14.0
## [86041]
            13.5
                   14.0
                         14.1
                                13.4
                                      13.2
                                             13.3
                                                   15.9
                                                         17.2
                                                                18.3
                                                                      19.0
                                                                             18.9
                                                                                   19.3
## [86053]
             9.2
                    9.4
                          9.5
                                 8.8
                                       8.5
                                              8.5
                                                    8.5
                                                           8.7
                                                                 8.9
                                                                        8.9
                                                                              8.9
                                                                                    9.0
```

```
## [86065]
              9.1
                     9.1
                           9.2
                                  9.2
                                         9.2
                                               9.5
                                                    10.7
                                                            12.1 13.4 14.7
                                                                                16.1
                          14.6
   [86077]
             15.4
                    15.2
                                 13.0
                                              11.1
                                                     10.5
                                                            10.2
                                                                   9.8
                                                                          9.6
                                                                                 9.4
                                                                                        9.6
                                        11.7
   [86089]
              9.4
                     9.1
                           9.0
                                  8.8
                                         8.3
                                               8.1
                                                     11.1
                                                            13.9
                                                                   16.2
                                                                         18.1
                                                                                19.6
                                                                                      20.5
                                                                   12.3
   [86101]
             20.4
                    20.4
                          19.6
                                 17.4
                                        15.3
                                              14.3
                                                     13.4
                                                            12.7
                                                                         11.4
                                                                                10.9
                                                                                       10.9
   [86113]
             10.7
                    10.9
                          11.4
                                 11.5
                                        11.4
                                              12.2
                                                     13.5
                                                            15.0
                                                                   10.9
                                                                         11.2
                                                                                10.7
                                                                                       10.0
   [86125]
             13.0
                    12.4
                          11.0
                                 10.3
                                         9.9
                                               9.8
                                                      9.7
                                                             9.8
                                                                    9.8
                                                                         10.0
                                                                                10.2
                                                                                      10.7
##
                           9.4
                                  9.3
                                         9.3
                                               9.3
                                                     10.8
                                                            12.4
                                                                  13.6
                                                                                15.2
   [86137]
             10.3
                     9.2
                                                                         14.7
                    15.5
                                              12.9
                                                     13.3
                                                            13.3
                                                                         14.1
   [86149]
             16.1
                          14.7
                                 13.2
                                        13.0
                                                                  13.6
                                                                                14.5
                                                                                      15.1
##
   [86161]
             14.9
                    14.4
                          14.2
                                 13.2
                                        12.7
                                              12.4
                                                     13.0
                                                            13.3
                                                                  13.7
                                                                         14.1
                                                                                14.6
                                                                                      14.8
                                              10.7
                                                                                        8.2
##
   [86173]
             16.0
                    15.7
                          15.1
                                 13.2
                                        11.8
                                                      9.8
                                                             9.1
                                                                    8.7
                                                                          8.6
                                                                                 8.8
   [86185]
              7.6
                     6.6
                           5.8
                                  5.2
                                         4.5
                                                4.4
                                                      7.5
                                                             9.6
                                                                  10.6
                                                                         11.4
                                                                                12.1
                                                                                      12.6
                                               7.9
                                                             7.2
   [86197]
             13.3
                    13.0
                          12.3
                                 10.3
                                         8.7
                                                      7.3
                                                                    6.8
                                                                          6.6
                                                                                 5.9
                                                                                        4.7
##
   [86209]
              4.1
                     4.1
                           3.9
                                  3.3
                                         3.3
                                               3.3
                                                      6.7
                                                             9.0
                                                                   10.2
                                                                         11.1
                                                                                11.8
                                                                                      12.1
   [86221]
             12.3
                    12.2
                                                                                 6.2
                                                                                        5.7
##
                          11.6
                                  9.4
                                         7.4
                                                6.8
                                                      6.6
                                                             6.5
                                                                    6.5
                                                                          6.6
   [86233]
              5.6
                    5.6
                           5.6
                                  5.3
                                         4.6
                                                4.9
                                                      7.1
                                                            10.1
                                                                   11.4
                                                                         12.3
                                                                                13.2
                                                                                       13.9
   [86245]
             14.4
                    14.4
                          13.8
                                 12.1
                                        11.0
                                               10.0
                                                      9.3
                                                             8.7
                                                                    8.1
                                                                          7.8
                                                                                 8.0
                                                                                        7.6
   [86257]
              7.4
                    7.3
                           7.3
                                  7.2
                                         7.1
                                               7.4
                                                      9.7
                                                            12.4
                                                                  14.2
                                                                         15.5
                                                                                16.2
                                                                                       16.6
##
   [86269]
             16.7
                    16.5
                          15.9
                                 14.6
                                        14.0
                                              13.6
                                                     13.6
                                                            13.5
                                                                   13.4
                                                                         13.0
                                                                                12.5
                                                                                       12.4
   [86281]
                                        11.3
                                              11.2
                                                     12.6
                                                            14.6
                                                                  15.7
                                                                         15.0
                                                                                15.1
             11.9
                    11.5
                          11.3
                                 11.4
                                                                                      16.7
   [86293]
             15.6
                    15.0
                          14.4
                                 13.0
                                        13.2
                                              11.9
                                                     11.3
                                                            10.4
                                                                    9.5
                                                                          8.9
                                                                                 8.7
                                                                                        8.6
                                                            11.9
##
   [86305]
              8.6
                     8.5
                           8.2
                                  7.9
                                         7.6
                                               7.5
                                                      9.8
                                                                  13.5
                                                                         14.5
                                                                                15.3
                                                                                       15.8
   [86317]
             15.6
                    15.7
                          14.9
                                 12.6
                                        13.2
                                              11.9
                                                     11.1
                                                            10.1
                                                                    9.6
                                                                          9.2
                                                                                 9.1
                                                                                        9.0
   [86329]
              8.7
                     8.4
                           8.1
                                  7.7
                                         8.5
                                               8.4
                                                      9.3
                                                            11.6
                                                                  13.9
                                                                         15.3
                                                                                16.2
                                                                                      16.9
##
   [86341]
             16.9
                    16.5
                          15.3
                                 12.9
                                        11.9
                                              11.4
                                                     10.6
                                                            10.6
                                                                  10.2
                                                                          9.7
                                                                                 9.0
##
                                                                                        8.5
              8.5
                                                            14.4
                                                                  16.1
                                                                         17.3
                                                                                18.2
                                                                                      18.7
##
   [86353]
                     8.6
                           9.0
                                  9.5
                                         9.8
                                               9.8
                                                     11.4
                                              12.3
   [86365]
             18.6
                    17.6
                          16.0
                                 13.9
                                        13.0
                                                     11.5
                                                            11.0
                                                                  10.5
                                                                         10.2
                                                                                 9.9
                                                                                        9.8
   [86377]
              9.6
                     9.4
                           9.4
                                  9.2
                                         9.0
                                               8.8
                                                     11.2
                                                            14.0
                                                                  15.9
                                                                         17.5
                                                                                18.4
                                                                                      18.8
   [86389]
             19.5
                    18.7
                          17.4
                                        13.6
                                              13.0
                                                     13.4
                                                            13.4
                                                                  13.7
##
                                 15.1
                                                                         13.8
                                                                                13.9
                                                                                       13.4
   [86401]
             13.6
                    13.7
                          13.6
                                 13.9
                                        13.9
                                              13.8
                                                     14.5
                                                            15.1
                                                                  15.5
                                                                         16.0
                                                                                17.3
                                                                                      16.9
##
   [86413]
             19.1
                    18.7
                          17.9
                                 15.5
                                        13.9
                                              13.2
                                                     13.1
                                                            13.0
                                                                  12.7
                                                                         12.5
                                                                                12.3
                                                                                       11.7
                                              11.2
   [86425]
             11.3
                    10.4
                          10.2
                                 10.4
                                        11.2
                                                     11.9
                                                            12.8
                                                                  14.2
                                                                         15.3
                                                                                16.2
                                                                                       16.8
##
   [86437]
             17.6
                    17.3
                          16.3
                                 13.2
                                        11.8
                                              11.2
                                                     11.0
                                                            11.2
                                                                  10.6
                                                                         10.7
                                                                                10.3
                                                                                       10.0
   [86449]
             10.2
                    10.1
                          10.2
                                 10.0
                                         9.9
                                              10.2
                                                     12.2
                                                            13.6
                                                                  16.1
                                                                         17.7
                                                                                18.6
                                                                                       18.0
                                                            14.1
   [86461]
             18.2
                    18.2
                          16.9
                                 14.9
                                        14.3
                                              14.2
                                                     14.6
                                                                  13.2
                                                                         13.7
                                                                                13.7
                                                                                       13.0
   [86473]
             13.6
                    13.3
                          12.4
                                 12.5
                                        12.1
                                              13.4
                                                     14.5
                                                            16.7
                                                                   18.1
                                                                         19.7
                                                                                20.5
                                                                                       20.9
   [86485]
             21.1
                   20.9
                          20.5
                                 18.3
                                        16.9
                                              16.1
                                                     15.8
                                                            15.3
                                                                  15.0
                                                                         14.6
                                                                                14.3
                                                                                      15.4
##
   [86497]
             15.4
                    15.2
                          15.3
                                 15.4
                                        15.1
                                              15.1
                                                     15.9
                                                            17.7
                                                                   19.3
                                                                         20.5
                                                                                21.2
                                                                                      20.8
   [86509]
             21.1
                    20.4
                          19.0
                                 17.2
                                        14.8
                                              14.3
                                                     14.6
                                                            14.8
                                                                  14.6
                                                                         14.5
                                                                                13.7
                                                                                      12.4
##
   [86521]
             12.5
                    12.3
                          12.1
                                 12.0
                                        12.0
                                              12.0
                                                     13.5
                                                            16.2
                                                                  18.1
                                                                         19.1
                                                                                19.6
                                                                                      19.9
##
   [86533]
             20.6
                   20.3
                          19.5
                                 17.1
                                        16.4
                                              16.1
                                                     15.7
                                                            15.1
                                                                  14.2
                                                                         13.8
                                                                                13.3
                                                                                      12.6
##
   [86545]
                    12.5
                          12.0
                                 12.8
                                        12.7
                                              12.3
                                                     13.6
                                                            15.9
                                                                  17.7
                                                                         18.5
             12.7
                                                                                19.2
   [86557]
             17.6
                   16.9
                          16.1
                                 14.5
                                        14.0
                                              13.6
                                                     13.7
                                                            13.5
                                                                  13.0
                                                                         12.7
                                                                                12.4
                                                                                      12.1
                                        11.4
                                              11.5
   [86569]
             12.0
                    11.8
                          11.6
                                 11.4
                                                     12.1
                                                            12.8
                                                                  13.6
                                                                         13.8
                                                                                14.2
                                                                                      15.0
   [86581]
             15.9
                                        12.9
##
                    15.4
                          14.6
                                 13.1
                                              12.8
                                                     12.9
                                                            12.6
                                                                  12.6
                                                                         12.6
                                                                                12.8
                                                                                      12.6
   [86593]
                                        11.0
                                                            13.0
                                                                  13.8
             12.5
                    12.1
                          11.9
                                 11.6
                                              11.0
                                                     11.8
                                                                         14.4
                                                                                14.7
   [86605]
             16.1
                    15.7
                          15.2
                                 14.1
                                        14.3
                                              14.3
                                                     14.1
                                                            14.2
                                                                  13.3
                                                                         13.7
                                                                                13.7
                                                                                       13.8
##
                                                     13.3
                                                            13.9
##
   [86617]
             13.8
                    13.7
                          13.5
                                 13.5
                                        13.5
                                              13.3
                                                                   14.2
                                                                         14.7
                                                                                14.5
                                                                                       14.9
   [86629]
                                              13.3
                                                     13.2
                                                            12.9
                                                                  12.8
                                                                         12.6
                                                                                12.5
                                                                                       12.4
             13.8
                    14.2
                          14.2
                                 14.0
                                        13.6
             12.4
   [86641]
                    12.4
                          12.3
                                 12.3
                                        12.4
                                              12.4
                                                     13.3
                                                            14.1
                                                                  14.8
                                                                         15.3
                                                                                15.2
                                                                                      14.0
   [86653]
             15.8
                    15.3
                          14.4
                                 13.5
                                        13.3
                                              13.4
                                                     13.5
                                                            13.2
                                                                   11.0
                                                                         10.8
                                                                                10.9
                                                                                       11.0
   [86665]
                    11.5
                          11.1
                                 11.2
                                        11.7
                                              11.9
                                                     12.0
                                                            12.1
                                                                   10.3
                                                                          6.4
                                                                                 6.6
                                                                                        7.8
##
             11.1
   [86677]
              7.4
                     7.7
                           7.4
                                  7.0
                                         7.1
                                               7.4
                                                      7.1
                                                             6.5
                                                                    5.9
                                                                          5.5
                                                                                 5.1
                                                                                        4.7
##
   [86689]
              4.4
                     3.9
                           3.5
                                  3.0
                                         2.8
                                               2.8
                                                      4.3
                                                             6.6
                                                                    8.1
                                                                          8.9
                                                                                 9.5
                                                                                        9.7
## [86701]
              9.8
                     9.8
                           9.2
                                  7.1
                                         6.2
                                               5.8
                                                      5.6
                                                             5.6
                                                                    5.3
                                                                          5.1
                                                                                 5.1
                                                                                        5.0
```

```
## [86713]
              5.1
                    5.1
                           4.9
                                  4.7
                                        4.7
                                               4.8
                                                      6.8
                                                           10.0 12.1 13.3 14.2
                                                                                     14.5
             14.6
                   14.2
                          13.5
                                       11.0
                                              10.3
                                                      9.6
                                                            9.0
                                                                   8.6
                                                                          8.3
                                                                                8.2
                                                                                       8.2
   [86725]
                                 11.7
   [86737]
              8.0
                    7.8
                           7.6
                                  7.7
                                         8.0
                                               8.3
                                                      9.1
                                                           11.9
                                                                  14.2
                                                                         15.5
                                                                               16.4
                                                                                      16.9
                                                                         10.6
   [86749]
             17.6
                   17.1
                          15.9
                                 13.6
                                       12.5
                                              11.9
                                                     11.7
                                                           11.3
                                                                  11.0
                                                                               10.6
                                                                                      10.5
##
   [86761]
             10.4
                   10.2
                           9.9
                                  9.7
                                         9.5
                                               9.0
                                                      9.5
                                                           12.1
                                                                  14.2
                                                                         15.3
                                                                               16.4
                                                                                      16.9
   [86773]
             17.6
                   17.2
                          16.1
                                 14.3
                                       13.3
                                              12.9
                                                     11.6
                                                           10.9
                                                                  10.7
                                                                         10.6
                                                                               10.5
                                                                                      10.1
##
                           9.4
                                  9.0
                                         8.7
                                               8.3
                                                      9.4
                                                           12.0
                                                                  14.0
   [86785]
              9.8
                    9.7
                                                                         15.4
                                                                               16.3
   [86797]
                   17.2
                          16.1
                                       12.8
                                              12.1
                                                                  10.6
                                                                        10.5
             17.3
                                 14.1
                                                    11.5
                                                           11.0
                                                                               10.2
                                                                                       9.9
##
   [86809]
              9.9
                    9.7
                           9.6
                                 10.0
                                       10.1
                                              10.1
                                                     11.1
                                                           12.4
                                                                  13.2
                                                                        15.1
                                                                               14.8
                                                                                      14.8
                   15.7
                                                                               12.3
                                                                                      12.6
##
   [86821]
             15.3
                          14.7
                                 13.2
                                       12.3
                                              11.8
                                                    11.5
                                                           12.0
                                                                  11.7
                                                                         11.9
   [86833]
             12.8
                   12.7
                          12.3
                                 12.1
                                       11.8
                                              11.6
                                                     12.9
                                                           12.5
                                                                  13.0
                                                                         12.8
                                                                               12.8
                                                                                      12.7
   [86845]
             13.7
                   13.7
                          13.5
                                 12.5
                                       13.0
                                              12.6
                                                     12.3
                                                           11.4
                                                                  10.5
                                                                         10.4
                                                                               10.6
                                                                                       9.9
##
   [86857]
              9.5
                    9.0
                           8.9
                                  8.5
                                         8.6
                                               8.5
                                                      8.7
                                                             8.9
                                                                   8.8
                                                                          9.2
                                                                                9.2
                                                                                       9.3
   [86869]
              9.2
                                               8.4
                                                      8.4
                                                             8.7
                                                                          8.5
                                                                                8.5
                                                                                       8.3
##
                     9.6
                           9.1
                                  8.3
                                         8.6
                                                                   8.6
   [86881]
              7.3
                    7.5
                           6.4
                                  6.0
                                         7.2
                                               8.4
                                                      8.7
                                                             9.3
                                                                   9.8
                                                                         11.3
                                                                               12.5
                                                                                      13.3
   [86893]
             13.0
                    12.6
                          12.4
                                 11.9
                                       10.4
                                              11.2
                                                     11.0
                                                           11.2
                                                                  10.8
                                                                          9.9
                                                                                9.8
                                                                                       9.7
   [86905]
              9.5
                    9.5
                           9.4
                                  9.8
                                         9.8
                                              10.2
                                                     11.4
                                                           13.3
                                                                  15.0
                                                                        16.0
                                                                               16.8
                                                                                      17.2
##
   [86917]
             17.4
                   17.0
                          16.2
                                 15.0
                                       14.5
                                              14.4
                                                     14.3
                                                           14.3
                                                                  14.1
                                                                         14.2
                                                                               14.3
   [86929]
                   14.4
                          14.4
                                 14.4
                                       14.3
                                              14.3
                                                    14.8
                                                           16.1
                                                                  17.2
                                                                        17.8
                                                                               18.4
                                                                                      18.6
             14.4
   [86941]
             19.1
                   18.7
                          17.7
                                 16.6
                                       16.4
                                              16.3
                                                     16.4
                                                           16.4
                                                                  16.0
                                                                         16.0
                                                                               15.7
                                                                                      15.3
##
   [86953]
             15.1
                   14.9
                          14.7
                                 14.7
                                       14.7
                                              14.6
                                                    15.0
                                                           16.3
                                                                  17.4
                                                                         18.2
                                                                               18.8
                                                                                      19.1
   [86965]
             19.0
                   18.7
                          17.9
                                 16.6
                                       16.3
                                              16.2
                                                     16.1
                                                           15.8
                                                                  15.6
                                                                         15.4
                                                                               15.2
                                              14.4
   [86977]
             15.1
                   15.0
                          14.9
                                 14.7
                                       14.5
                                                     14.9
                                                           16.2
                                                                  17.4
                                                                        17.8
                                                                               18.5
                                                                                      19.0
##
   [86989]
             19.2
                   18.6
                          17.9
                                 16.9
                                       16.2
                                              15.9
                                                     15.6
                                                           15.4
                                                                  15.3
                                                                         15.1
                                                                               14.6
##
                                                                                      14.2
                                                                               15.9
                                                           14.0
                                                                         15.7
                                                                                      15.9
##
   [87001]
             13.8
                   13.1
                          12.6
                                 12.1
                                       12.2
                                              11.1
                                                     11.6
                                                                  15.0
   [87013]
             17.0
                   16.4
                          15.2
                                 14.0
                                       12.9
                                              12.6
                                                     12.3
                                                           12.3
                                                                  11.8
                                                                         10.5
                                                                               10.0
                                                                                       9.0
   [87025]
              8.0
                    7.2
                           6.9
                                  6.6
                                         6.0
                                               5.4
                                                      5.3
                                                            5.9
                                                                   6.8
                                                                          6.8
                                                                                7.9
                                                                                       8.9
##
   [87037]
              8.7
                           7.7
                                               5.2
                                                      4.6
                                                             4.5
                                                                   3.8
                                                                                2.7
##
                    8.4
                                  6.2
                                         5.8
                                                                          3.1
                                                                                       2.5
   [87049]
              2.2
                                                                                7.9
                     1.7
                           1.3
                                  1.0
                                         0.5
                                              -0.3
                                                      1.0
                                                             3.6
                                                                   5.6
                                                                          7.1
                                                                                       8.5
##
   [87061]
              8.2
                     8.1
                           7.2
                                  5.5
                                         5.1
                                               4.6
                                                      4.6
                                                             4.6
                                                                   4.4
                                                                          3.8
                                                                                3.7
                                                                                       3.7
                                                             7.0
##
   [87073]
              3.6
                     3.5
                           3.8
                                  3.9
                                         3.9
                                               4.0
                                                      4.1
                                                                   9.4
                                                                         10.9
                                                                               11.9
                                                                                      12.5
##
   [87085]
             13.0
                   12.7
                          11.8
                                  9.9
                                         8.7
                                               8.1
                                                      7.9
                                                             7.9
                                                                   7.5
                                                                          6.9
                                                                                6.6
                                                                                       6.4
   [87097]
              6.3
                     6.3
                           5.5
                                  5.1
                                         4.9
                                               4.6
                                                      5.5
                                                             8.6
                                                                  11.3
                                                                         12.9
                                                                               13.8
                                                                                      14.4
                                                                   9.9
   [87109]
             15.6
                   15.0
                          13.7
                                               9.8
                                                      9.8
                                                            9.8
                                                                          9.8
                                                                               10.0
                                                                                       9.8
                                 11.5
                                       10.3
   [87121]
              9.6
                    9.6
                           9.6
                                  9.6
                                         9.3
                                               9.1
                                                      9.7
                                                           11.7
                                                                  13.4
                                                                         14.6
                                                                               14.8
                                                                                      14.9
   [87133]
             14.9
                   14.3
                          13.2
                                 11.8
                                       11.5
                                              11.5
                                                     11.5
                                                           11.3
                                                                  11.3
                                                                         11.6
                                                                               11.7
##
                                                                                      11.8
   [87145]
             12.0
                    12.7
                          12.9
                                 12.7
                                        11.6
                                              11.3
                                                     10.1
                                                            9.7
                                                                  10.0
                                                                         10.1
                                                                               10.3
                                                                                      10.3
   [87157]
             10.6
                    9.9
                           8.8
                                  7.4
                                         6.5
                                               6.3
                                                      6.1
                                                            5.8
                                                                   5.8
                                                                          5.3
                                                                                4.6
                                                                                       4.1
   [87169]
              3.9
                    4.2
                           4.0
                                  4.5
                                         5.0
                                               5.0
                                                      5.2
                                                            8.0
                                                                  11.1
                                                                         13.0
                                                                               13.9
                                                                                      14.5
##
   [87181]
             15.7
                   15.6
                          14.5
                                 12.8
                                       11.9
                                              12.7
                                                    12.7
                                                           12.8
                                                                  12.8
                                                                        12.7
                                                                               12.5
                                                                                      12.6
##
                                                           12.8
                   11.9
                                 11.5
                                       11.1
                                              10.2
                                                    11.7
                                                                  14.6
                                                                         15.6
                                                                               16.0
   [87193]
             12.2
                          11.8
   [87205]
             16.4
                   15.9
                          14.9
                                 13.0
                                       12.0
                                              11.4
                                                     11.1
                                                           10.7
                                                                  10.2
                                                                          9.7
                                                                                9.3
                                                                                       9.0
   [87217]
              8.9
                           8.5
                                         8.2
                    8.7
                                  8.3
                                               8.1
                                                      8.5
                                                           11.2
                                                                  13.7
                                                                         15.0
                                                                               15.9
                                                                                      16.1
             16.8
                   16.2
                          14.9
                                              11.8
                                                                               11.3
##
   [87229]
                                 12.7
                                       11.7
                                                    11.8
                                                           11.5
                                                                  11.3
                                                                         11.3
                                                                                      11.3
                                       11.9
                                                           13.3
                                                                  15.0
   [87241]
             11.1
                   11.0
                          11.4
                                 11.7
                                              12.1
                                                     11.7
                                                                         15.9
                                                                               16.5
                                                                                      16.7
                                              12.2
   [87253]
             16.9
                   16.3
                          15.2
                                 13.5
                                       12.6
                                                     11.8
                                                           11.4
                                                                  11.0
                                                                         10.6
                                                                               10.4
                                                                                      11.0
                                                     10.3
                                                           12.0
##
   [87265]
             11.7
                   11.5
                          10.7
                                 10.5
                                       10.5
                                              10.5
                                                                  13.8
                                                                        15.0
                                                                               15.7
                                                                                      16.1
                          16.3
                                              12.9
                                                     12.7
                                                                         11.9
                                                                               12.0
                                                                                      12.0
   [87277]
             17.6
                   17.2
                                 14.3
                                       13.2
                                                           12.1
                                                                  11.9
   [87289]
             11.8
                   11.6
                          12.0
                                 12.5
                                       12.9
                                              13.8
                                                    14.1
                                                           15.3
                                                                  16.3
                                                                         17.2
                                                                               17.3
                                                                                      17.3
   [87301]
             17.4
                   17.2
                          16.6
                                 14.5
                                       15.4
                                              14.5
                                                     14.5
                                                           14.3
                                                                  13.2
                                                                         13.7
                                                                               13.6
                                                                                      13.4
                                 13.4
   [87313]
             13.6
                   13.8
                          13.6
                                       13.6
                                              13.5
                                                     14.1
                                                           15.4
                                                                  15.4
                                                                         14.0
                                                                               14.0
                                                                                      13.2
##
## [87325]
             15.8
                   15.4
                          14.9
                                 14.3
                                       13.7
                                              13.4
                                                     12.8
                                                            9.7
                                                                   8.8
                                                                          8.5
                                                                                7.7
                                                                                       6.9
                                                                               10.4
## [87337]
              5.8
                    5.2
                           4.8
                                  4.4
                                         4.1
                                               4.2
                                                      4.4
                                                             6.8
                                                                   9.0
                                                                         10.5
                                                                                      10.6
## [87349]
                                         7.6
                                               7.7
              8.6
                    8.8
                           8.2
                                  7.9
                                                      7.8
                                                             7.8
                                                                   7.9
                                                                          7.9
                                                                                6.8
                                                                                       4.8
```

```
## [87361]
              3.5
                      3.3
                            2.7
                                   2.5
                                          2.6
                                                 2.6
                                                        2.6
                                                               3.1
                                                                      3.5
                                                                             3.8
                                                                                    4.3
                                                                                           5.0
   [87373]
              4.1
                      4.1
                                                               0.6
                                                                                   -0.1
                                                                                           0.0
##
                            4.0
                                   3.5
                                          3.4
                                                 1.9
                                                        1.2
                                                                      0.0
                                                                            -0.1
   [87385]
              0.0
                      0.0
                           -0.2
                                  -0.5
                                         -0.2
                                                -0.1
                                                        0.2
                                                               1.6
                                                                      2.8
                                                                             4.1
                                                                                    4.8
                                                                                           5.3
   [87397]
              6.9
                      6.8
                            6.2
                                   4.5
                                          3.5
                                                 3.2
                                                        2.8
                                                               2.3
                                                                      2.5
                                                                             2.4
                                                                                    3.2
                                                                                           3.1
##
##
   [87409]
              2.9
                      2.8
                            2.6
                                   2.4
                                          2.3
                                                 2.0
                                                        1.8
                                                               2.6
                                                                      3.4
                                                                             4.4
                                                                                    5.1
                                                                                           5.8
   [87421]
              5.6
                                          4.5
                                                 4.5
                                                        4.3
                                                               4.2
                                                                             3.3
                                                                                    3.1
                                                                                           2.8
##
                      5.7
                            5.1
                                   4.7
                                                                      3.7
   [87433]
              2.3
                                                               2.9
                                                                                    5.4
                      2.0
                            2.0
                                   2.0
                                          1.6
                                                 1.3
                                                        1.5
                                                                      4.1
                                                                             5.4
                                                                                           5.4
                                                                     -0.4
                                                                            -0.5
                                                                                   -0.2
##
   [87445]
              1.3
                      1.4
                            1.2
                                   0.7
                                          0.4
                                                 0.4
                                                        0.3
                                                              -0.1
                                                                                          -0.1
##
   [87457]
              0.6
                    -0.2
                           -0.5
                                  -1.1
                                         -1.0
                                                -1.0
                                                        0.1
                                                               0.6
                                                                      0.7
                                                                             0.9
                                                                                    1.2
                                                                                           1.6
                                    2.0
                                                               0.5
                                                                                   -0.9
                                                                                          -1.6
##
   [87469]
              1.7
                      1.8
                            1.9
                                          1.9
                                                 1.2
                                                        0.8
                                                                      0.2
                                                                            -0.3
   [87481]
             -1.8
                    -1.5
                           -1.7
                                  -2.0
                                         -2.3
                                                -2.1
                                                       -1.9
                                                               0.0
                                                                      0.5
                                                                             1.0
                                                                                    1.4
                                                                                           2.2
                                                                      2.8
   [87493]
              2.7
                      2.7
                            2.9
                                   2.1
                                          1.7
                                                 2.2
                                                        2.7
                                                               2.7
                                                                             4.0
                                                                                    4.5
                                                                                           4.2
##
##
   [87505]
              4.5
                      4.6
                            4.6
                                   4.7
                                          5.0
                                                 5.0
                                                        5.1
                                                               5.1
                                                                      5.7
                                                                             6.6
                                                                                    7.9
                                                                                           9.2
             10.7
                                                                                    6.5
##
   [87517]
                    10.1
                            8.9
                                   7.6
                                          6.8
                                                 6.7
                                                        6.7
                                                               6.8
                                                                      6.7
                                                                             6.6
                                                                                           6.4
   [87529]
              6.4
                      6.5
                            6.5
                                    6.5
                                          6.6
                                                 6.8
                                                        6.9
                                                               7.7
                                                                      9.1
                                                                            10.9
                                                                                   12.3
                                                                                          12.9
##
   [87541]
             13.9
                    13.6
                            12.5
                                   9.9
                                          8.7
                                                 8.4
                                                        8.5
                                                               8.6
                                                                      9.0
                                                                             9.3
                                                                                    9.6
                                                                                           9.9
   [87553]
              9.9
                     9.7
                            9.8
                                   9.9
                                                 9.4
                                                        9.6
                                                              11.2
                                                                     12.8
                                                                            13.9
                                                                                   14.3
                                                                                          14.5
##
                                          9.6
   [87565]
             14.8
                    14.3
                           13.3
                                  11.7
                                         10.9
                                                10.2
                                                        9.8
                                                               9.8
                                                                      9.8
                                                                             9.7
                                                                                    9.6
                                                                                           9.6
                            9.8
                                                 9.6
                     9.6
                                   9.6
                                         10.2
                                                              11.6
                                                                     12.4
                                                                            13.2
                                                                                   12.9
                                                                                          13.8
##
   [87577]
              9.7
                                                       10.3
##
   [87589]
             14.1
                    13.9
                           13.5
                                  12.2
                                         11.8
                                                11.7
                                                       11.6
                                                              11.7
                                                                     11.6
                                                                            11.7
                                                                                   11.9
                                                                                          11.9
##
   [87601]
             12.0
                    11.9
                           11.7
                                  11.3
                                         11.3
                                                11.1
                                                       10.7
                                                              10.5
                                                                     10.9
                                                                            11.0
                                                                                   11.9
                                                                                          13.2
   [87613]
             12.2
                    13.1
                           12.8
                                  11.1
                                         10.3
                                                10.8
                                                       10.4
                                                              10.4
                                                                      9.6
                                                                             8.8
                                                                                    9.0
                                                                                           9.0
                                                               7.8
                                                                      7.7
                                                                                    6.8
                                                                                           7.4
   [87625]
                      9.3
                            9.3
                                   9.5
                                          9.2
                                                 8.5
                                                        8.4
                                                                             7.7
##
              9.3
   [87637]
              7.8
                      7.8
                            7.5
                                                 6.2
                                                        5.8
                                                               4.8
                                                                      4.5
                                                                             4.3
                                                                                           3.8
##
                                   6.7
                                          6.4
                                                                                    4.1
                      3.6
                                                 2.0
                                                        1.9
                                                                      6.2
                                                                             7.7
                                                                                    8.8
##
   [87649]
              3.7
                            3.0
                                    2.5
                                          2.3
                                                               4.1
                                                                                           9.1
   [87661]
             10.0
                    10.0
                            9.4
                                   7.8
                                          7.0
                                                 6.2
                                                        5.7
                                                               5.4
                                                                      5.0
                                                                             4.8
                                                                                    4.2
                                                                                           4.1
   [87673]
              4.0
                      4.1
                            4.1
                                    4.0
                                          4.1
                                                 4.4
                                                        4.3
                                                               7.0
                                                                      9.2
                                                                            10.6
                                                                                   11.6
                                                                                          12.2
##
   [87685]
                    12.9
                                                                      7.3
##
             13.3
                           12.0
                                   9.3
                                          8.4
                                                 8.1
                                                        8.0
                                                               7.8
                                                                             6.9
                                                                                    6.6
                                                                                           6.6
   [87697]
              6.4
                     5.4
                            5.2
                                    5.1
                                          6.7
                                                 7.1
                                                        7.7
                                                               9.5
                                                                     11.2
                                                                            12.8
                                                                                   13.7
                                                                                          14.1
##
   [87709]
             15.0
                    14.3
                           13.5
                                  11.4
                                         10.3
                                                 9.5
                                                        8.8
                                                               8.2
                                                                      8.2
                                                                             8.2
                                                                                    7.6
                                                                                           7.2
                                                                      7.9
##
   [87721]
              7.1
                     7.2
                            7.4
                                   7.1
                                          6.0
                                                 7.0
                                                        7.3
                                                               7.5
                                                                             9.2
                                                                                   10.4
                                                                                          10.0
##
   [87733]
              9.2
                      8.8
                            8.5
                                   8.3
                                          8.2
                                                 8.1
                                                        7.9
                                                               7.6
                                                                      6.5
                                                                             6.1
                                                                                    6.0
                                                                                           6.0
##
   [87745]
              5.8
                      5.2
                            5.3
                                    6.0
                                          6.6
                                                 7.0
                                                        7.1
                                                               7.7
                                                                      8.8
                                                                             9.9
                                                                                   10.1
                                                                                           8.8
   [87757]
              8.5
                      8.8
                            9.1
                                                                      8.0
                                                                             7.3
                                                                                    6.5
                                                                                           6.0
##
                                    8.6
                                          8.6
                                                 8.6
                                                        8.3
                                                               8.1
   [87769]
              5.9
                     5.6
                            5.5
                                   5.3
                                          5.1
                                                 4.5
                                                        4.8
                                                               6.3
                                                                      8.2
                                                                             9.5
                                                                                   10.5
                                                                                          11.1
                    11.4
                                   9.0
   [87781]
             11.4
                           10.7
                                          8.3
                                                 8.0
                                                        7.4
                                                                             5.8
                                                                                    6.1
##
                                                               6.7
                                                                      6.1
                                                                                           6.0
   [87793]
              5.8
                     5.7
                            5.6
                                    5.6
                                          5.4
                                                 5.3
                                                        5.4
                                                               7.1
                                                                      9.3
                                                                            11.1
                                                                                   12.4
                                                                                          13.2
   [87805]
             13.7
                    13.6
                           12.6
                                  10.5
                                          9.3
                                                 8.7
                                                        8.5
                                                               8.6
                                                                      8.3
                                                                             8.1
                                                                                    7.8
                                                                                           7.9
##
   [87817]
              7.6
                      6.9
                            6.7
                                    6.7
                                          6.6
                                                 6.3
                                                        5.9
                                                               8.0
                                                                     11.2
                                                                            13.2
                                                                                   14.3
                                                                                          15.1
##
                                                                                    9.1
   [87829]
             15.7
                    15.2
                           14.4
                                  12.2
                                         10.8
                                                10.0
                                                        9.5
                                                               9.5
                                                                      9.7
                                                                             9.6
                                                                                           8.8
##
   [87841]
                     8.5
                            8.4
                                   8.9
                                          9.1
                                                 9.4
                                                              11.0
                                                                     13.3
                                                                            14.3
                                                                                   15.1
              8.6
                                                        9.6
                                                                                          15.4
   [87853]
             16.1
                    15.5
                           14.7
                                  12.3
                                         11.7
                                                11.4
                                                       11.0
                                                              10.8
                                                                     10.7
                                                                            10.6
                                                                                   10.9
                                                                                          11.3
##
##
   [87865]
             11.2
                    11.0
                           10.7
                                  10.3
                                         10.1
                                                10.0
                                                       10.0
                                                              10.5
                                                                     11.3
                                                                            12.6
                                                                                   12.5
                                                                                          11.8
                                   9.9
##
   [87877]
             12.4
                    11.7
                           10.8
                                          9.7
                                                 9.5
                                                        9.3
                                                               8.7
                                                                      8.4
                                                                             8.3
                                                                                    8.3
                                                                                           8.4
                                                                      9.3
                                                                             9.6
                                                                                    9.5
   [87889]
              8.2
                      8.2
                            8.3
                                    8.3
                                          8.3
                                                 8.3
                                                        8.3
                                                               8.8
                                                                                          10.2
   [87901]
             11.6
                    11.1
                           10.9
                                  10.2
                                          9.7
                                                 9.4
                                                        9.0
                                                               8.7
                                                                      8.5
                                                                             8.3
                                                                                    8.0
                                                                                           8.0
##
##
   [87913]
              9.1
                     9.3
                            9.3
                                   9.5
                                          9.4
                                                 9.3
                                                        9.8
                                                              10.5
                                                                     11.3
                                                                            12.3
                                                                                   13.1
                                                                                          11.9
   [87925]
                                  10.9
                                                10.2
                                                        9.3
                                                               8.0
                                                                      7.2
                                                                                    5.9
                                                                                           5.5
##
             10.7
                    11.1
                           11.5
                                         10.4
                                                                             6.7
   [87937]
              5.6
                     6.5
                            6.6
                                   6.9
                                          6.9
                                                 6.6
                                                        6.4
                                                               7.5
                                                                      9.1
                                                                            10.3
                                                                                   10.5
                                                                                          11.3
                                                                                    7.9
   [87949]
             10.3
                    10.0
                            9.8
                                   9.0
                                          8.5
                                                 8.4
                                                        8.3
                                                               8.4
                                                                      8.4
                                                                             8.1
                                                                                           7.5
   [87961]
              7.2
                     7.1
                            6.9
                                   6.9
                                          6.9
                                                 6.8
                                                        6.5
                                                               6.7
                                                                             6.5
                                                                                    6.7
##
                                                                      6.6
                                                                                           6.7
##
  [87973]
              7.8
                      7.4
                            6.9
                                    6.2
                                          5.9
                                                 5.6
                                                        5.4
                                                               5.2
                                                                      5.1
                                                                             4.9
                                                                                    4.2
                                                                                           3.8
## [87985]
              3.3
                      2.8
                            2.5
                                   2.2
                                          1.9
                                                 1.7
                                                        1.8
                                                               3.1
                                                                      3.4
                                                                             4.0
                                                                                    4.5
                                                                                           4.5
## [87997]
              5.2
                      4.9
                             4.6
                                    3.8
                                          2.4
                                                  1.8
                                                         1.3
                                                               0.9
                                                                      0.5
                                                                             0.0
                                                                                    0.5
                                                                                         -0.1
```

```
[88009]
             -0.5
                    -0.2
                           -0.9
                                  -0.9
                                          0.8
                                                 0.3
                                                       -0.6
                                                               1.5
                                                                      3.1
                                                                             4.2
                                                                                    4.6
                                                                                           5.4
   [88021]
              7.8
                     7.7
                            7.2
                                   6.2
                                          5.7
                                                        5.7
                                                               5.8
                                                                             5.6
                                                                                    5.8
                                                                                           5.4
##
                                                 5.6
                                                                      5.6
   [88033]
              5.2
                     5.1
                            4.9
                                   4.8
                                          5.1
                                                 5.8
                                                        6.8
                                                               8.9
                                                                      9.7
                                                                            10.3
                                                                                    9.5
                                                                                           9.7
                    12.0
                                                                      9.7
                                                                             8.5
   [88045]
             12.3
                           12.0
                                  11.0
                                         10.1
                                                 9.8
                                                        9.2
                                                               9.5
                                                                                    8.8
                                                                                           8.9
##
   [88057]
              8.8
                     8.7
                            8.6
                                   8.5
                                          9.3
                                                 9.2
                                                        9.9
                                                              11.0
                                                                     12.0
                                                                            12.4
                                                                                   13.5
                                                                                         14.0
   [88069]
             14.0
                    13.6
                           13.2
                                  12.0
                                         11.3
                                                11.5
                                                       11.6
                                                              11.8
                                                                     12.5
                                                                            12.6
                                                                                   11.8
                                                                                         10.2
##
                                                                      6.4
   [88081]
             10.1
                     9.5
                            8.9
                                   8.3
                                          7.9
                                                 7.0
                                                        6.0
                                                               6.5
                                                                             6.6
                                                                                    5.7
                                                                                           6.9
              7.8
                     7.9
                            7.7
                                                                      3.2
                                                                             2.7
##
   [88093]
                                   6.4
                                          5.4
                                                 4.7
                                                        4.2
                                                               3.7
                                                                                    2.0
                                                                                           1.2
##
   [88105]
              1.4
                     2.1
                            3.1
                                   2.7
                                          2.8
                                                 2.5
                                                        2.5
                                                               6.1
                                                                      8.7
                                                                            10.0
                                                                                  10.9
                                                                                         11.3
             11.6
                                                        6.2
                                                                      6.9
##
   [88117]
                    11.3
                           10.4
                                   8.0
                                          6.5
                                                 5.8
                                                               6.9
                                                                             6.7
                                                                                    6.6
                                                                                           6.6
   [88129]
              6.6
                     6.4
                            6.4
                                   6.5
                                          6.9
                                                 6.7
                                                        7.3
                                                               9.1
                                                                     10.9
                                                                            12.5
                                                                                  13.3
                                                                                         14.3
   [88141]
             14.4
                    14.0
                           13.7
                                  12.7
                                         12.1
                                                11.7
                                                       11.6
                                                              11.7
                                                                     12.1
                                                                            12.4
                                                                                   12.4
                                                                                         12.3
##
   [88153]
             12.1
                    12.0
                           12.1
                                  12.0
                                         11.8
                                                11.5
                                                       11.6
                                                              11.6
                                                                     12.7
                                                                            12.6
                                                                                   14.6
                                                                                         15.1
             14.2
                                  12.6
                                         11.6
                                                11.2
                                                       11.0
                                                                     10.8
                                                                            11.4
##
   [88165]
                    14.3
                           13.7
                                                              10.9
                                                                                   11.5
                                                                                         10.9
   [88177]
             10.9
                    10.7
                           10.3
                                  10.5
                                         10.5
                                                10.3
                                                       10.5
                                                               5.9
                                                                      6.0
                                                                             6.4
                                                                                    7.1
                                                                                           7.7
   [88189]
              7.0
                     7.8
                            7.2
                                   6.3
                                          5.2
                                                 4.3
                                                        3.5
                                                               2.9
                                                                      2.4
                                                                             1.8
                                                                                    1.3
                                                                                           1.0
   [88201]
              0.7
                     0.3
                           -0.1
                                  -0.4
                                                -0.8
                                                               1.7
                                                                      3.0
                                                                             4.2
                                                                                   5.1
                                                                                           5.8
##
                                         -0.6
                                                       -0.1
   [88213]
              5.6
                     5.5
                            5.0
                                   3.6
                                          2.2
                                                 1.8
                                                        1.7
                                                               1.6
                                                                      1.3
                                                                             0.7
                                                                                    0.2
                                                                                           0.4
   [88225]
              0.2
                     0.0
                           -0.3
                                                       -0.9
                                                               0.5
                                                                             2.8
##
                                  -0.6
                                         -0.9
                                                -1.1
                                                                      1.6
                                                                                    3.5
                                                                                           3.9
##
   [88237]
              4.0
                     3.8
                            3.1
                                   1.7
                                          0.5
                                                -0.2
                                                       -0.8
                                                              -1.1
                                                                     -1.2
                                                                            -1.3
                                                                                   -1.3
                                                                                          -1.4
##
   [88249]
             -1.5
                    -1.5
                           -1.5
                                  -1.6
                                         -1.5
                                                -1.6
                                                       -1.2
                                                               0.8
                                                                      2.5
                                                                             3.7
                                                                                    4.5
                                                                                           4.9
   [88261]
              5.7
                     5.8
                            5.2
                                   3.8
                                          1.9
                                                 1.3
                                                        0.7
                                                               0.2
                                                                      0.2
                                                                            -0.1
                                                                                   -0.1
                                                                                          -0.5
   [88273]
                    -0.7
                           -0.8
                                         -1.0
                                                       -0.4
                                                                      3.0
                                                                             3.7
                                                                                    4.1
                                                                                           4.5
##
             -0.7
                                  -1.1
                                                -1.1
                                                               1.9
   [88285]
                     5.4
                            4.7
                                   3.5
                                          2.3
                                                 1.9
                                                               1.3
                                                                             0.2
                                                                                   -0.2
                                                                                         -0.5
##
              5.6
                                                        1.8
                                                                      0.9
             -0.8
                           -1.2
                                                                                    4.9
                                                                                           5.3
##
   [88297]
                    -1.1
                                  -1.5
                                         -1.7
                                                -1.6
                                                       -0.7
                                                               1.5
                                                                      3.1
                                                                             4.1
   [88309]
              6.4
                     6.2
                            5.6
                                   4.4
                                          3.2
                                                 2.8
                                                        2.8
                                                               4.1
                                                                      4.2
                                                                             4.1
                                                                                    3.7
                                                                                           3.4
   [88321]
              3.3
                     3.1
                            3.0
                                   2.7
                                          2.6
                                                 2.5
                                                        2.6
                                                               3.8
                                                                      4.9
                                                                             6.0
                                                                                    6.6
                                                                                          7.0
##
   [88333]
              7.9
                     7.8
                            7.2
                                                                      2.9
##
                                   6.1
                                          4.2
                                                 3.6
                                                        3.2
                                                               3.0
                                                                             2.3
                                                                                    2.1
                                                                                           1.8
              2.0
   [88345]
                     1.9
                            1.4
                                          1.3
                                                 1.4
                                                        1.9
                                                               5.2
                                                                      8.0
                                                                             9.9
                                                                                   11.3
                                                                                         12.0
##
                                   1.1
   [88357]
             13.3
                    13.2
                           12.6
                                  11.2
                                          9.7
                                                 8.9
                                                        8.3
                                                               7.8
                                                                      7.3
                                                                             6.9
                                                                                    6.5
                                                                                           6.1
##
   [88369]
              6.0
                     6.0
                            6.1
                                   6.1
                                          5.9
                                                 5.6
                                                        5.9
                                                               8.1
                                                                     10.8
                                                                            12.4
                                                                                   13.4
                                                                                         13.9
##
   [88381]
             14.4
                    14.1
                           13.2
                                  11.2
                                          9.5
                                                 8.8
                                                        8.5
                                                               8.4
                                                                      8.2
                                                                             8.2
                                                                                    8.1
                                                                                           6.8
##
   [88393]
              5.8
                     5.1
                            4.4
                                   4.2
                                          4.0
                                                 3.8
                                                        4.4
                                                               7.4
                                                                      9.0
                                                                            10.0
                                                                                   10.9
                                                                                         11.5
   [88405]
             12.8
                    12.7
                           12.1
                                  10.4
                                          7.6
                                                 6.8
                                                        6.8
                                                               6.7
                                                                      6.1
                                                                             6.2
                                                                                    6.3
                                                                                          6.7
##
   [88417]
              7.2
                     7.2
                            7.4
                                   6.7
                                          5.8
                                                 5.0
                                                        6.2
                                                               9.5
                                                                     11.9
                                                                            13.4
                                                                                   14.4
                                                                                         14.8
                    15.6
                                         12.0
   [88429]
             15.7
                           14.9
                                  13.5
                                                11.3
                                                       11.9
                                                              10.7
                                                                     10.6
                                                                            10.4
                                                                                  10.2
##
                                                                                         10.0
   [88441]
             10.4
                    10.6
                           10.8
                                  10.6
                                         10.5
                                                10.1
                                                       10.5
                                                              12.0
                                                                     13.4
                                                                            13.8
                                                                                  14.0
   [88453]
             14.5
                    14.8
                           14.1
                                  13.7
                                         13.1
                                                12.9
                                                       12.7
                                                              12.4
                                                                     11.6
                                                                            11.3
                                                                                  11.1
                                                                                         10.9
##
   [88465]
             10.7
                    10.7
                           10.7
                                  10.8
                                         10.9
                                                11.7
                                                       12.3
                                                              13.8
                                                                     14.9
                                                                            16.0
                                                                                  16.5
                                                                                         16.9
##
                                         13.7
   [88477]
             16.6
                    16.5
                           15.9
                                  14.8
                                                13.2
                                                       12.9
                                                              13.4
                                                                     13.0
                                                                           12.8
                                                                                  12.9
                                                                                         12.7
##
                                  12.8
                                         12.5
                                                12.5
                                                       12.5
                                                              13.2
                                                                     13.1
                                                                            13.0
                                                                                  13.2
   [88489]
             12.6
                    12.6
                           12.7
                                                                                         13.9
   [88501]
             15.8
                    14.6
                           12.9
                                  13.2
                                         12.9
                                                12.9
                                                        7.0
                                                               7.7
                                                                      7.8
                                                                             6.8
                                                                                    7.4
                                                                                          6.4
##
   [88513]
              6.5
                     6.1
                            6.4
                                   6.2
                                          7.0
                                                 6.9
                                                        6.4
                                                               7.1
                                                                      7.9
                                                                             8.8
                                                                                    9.5
                                                                                         10.1
                                                        5.3
##
   [88525]
              9.3
                     9.2
                            8.7
                                   7.5
                                          6.1
                                                 5.6
                                                               4.8
                                                                      4.4
                                                                             4.0
                                                                                    3.7
                                                                                           3.7
   [88537]
                     4.2
                                                                                           7.7
##
              4.3
                            3.9
                                   3.6
                                          3.3
                                                 3.3
                                                        3.5
                                                               4.7
                                                                      5.8
                                                                             6.7
                                                                                    7.3
              9.5
                                   7.5
   [88549]
                     9.1
                            8.6
                                          6.0
                                                 5.5
                                                        5.0
                                                               5.0
                                                                      4.9
                                                                             4.8
                                                                                    4.6
                                                                                           4.2
##
##
   [88561]
              4.2
                     4.3
                            4.4
                                   5.1
                                          5.3
                                                 5.5
                                                        5.9
                                                               7.4
                                                                      8.4
                                                                             9.3
                                                                                  10.0
                                                                                         12.2
   [88573]
                           12.8
                                                        9.3
                                                               8.9
                                                                      9.4
                                                                                   13.1
                                                                                         12.2
##
             13.1
                    13.2
                                  11.4
                                          9.4
                                                 9.1
                                                                            10.1
   [88585]
             11.8
                    11.6
                           12.8
                                  12.7
                                         12.5
                                                12.3
                                                       11.7
                                                              11.6
                                                                     12.2
                                                                            12.3
                                                                                  12.0
                                                                                         12.7
                                                                                   7.9
   [88597]
             14.8
                    14.4
                           13.2
                                  11.1
                                          9.5
                                                 9.3
                                                        9.2
                                                               9.0
                                                                      8.2
                                                                             8.1
                                                                                          7.6
   [88609]
              7.3
                     7.0
                            6.6
                                   6.4
                                          6.3
                                                 5.9
                                                        7.3
                                                               9.9
                                                                     12.4
                                                                            12.8
                                                                                  14.1
                                                                                         14.6
##
   [88621]
             15.7
                    15.4
                           14.8
                                  13.5
                                         11.0
                                                10.3
                                                        9.7
                                                               9.5
                                                                      9.1
                                                                             8.4
                                                                                    7.9
                                                                                           7.6
##
   [88633]
              8.0
                     7.7
                            7.5
                                   7.3
                                          7.2
                                                 7.2
                                                        7.3
                                                               8.0
                                                                      9.6
                                                                            10.4
                                                                                   10.9
                                                                                         10.3
## [88645]
              9.7
                     8.9
                            8.9
                                   9.3
                                          8.6
                                                 8.3
                                                        8.0
                                                               8.2
                                                                      7.9
                                                                             7.8
                                                                                   7.9
                                                                                          8.2
```

```
[88657]
               8.3
                      8.0
                             8.1
                                    8.1
                                           8.0
                                                  7.0
                                                         6.1
                                                                4.9
                                                                       4.5
                                                                              4.1
                                                                                     3.6
                                                                                             4.5
   [88669]
                                           3.5
               5.5
                      4.5
                                                  3.5
                                                         3.4
                                                                3.2
                                                                       3.0
                                                                              2.8
                                                                                     2.8
                                                                                             2.7
##
                             3.7
                                    3.6
   [88681]
               2.8
                      2.9
                             2.4
                                    2.2
                                           1.9
                                                  2.3
                                                         3.9
                                                                5.7
                                                                       7.1
                                                                              8.0
                                                                                     8.4
                                                                                             9.1
                                                                              3.0
   [88693]
               8.2
                      8.3
                             8.2
                                    7.5
                                           5.3
                                                  4.1
                                                         3.7
                                                                3.7
                                                                       3.4
                                                                                     3.1
                                                                                             4.0
##
##
   [88705]
               4.0
                      3.7
                             3.7
                                    2.7
                                           2.8
                                                  3.3
                                                         4.4
                                                                6.7
                                                                       8.9
                                                                              9.7
                                                                                    10.1
                                                                                           10.5
   [88717]
              11.5
                     11.7
                            11.4
                                   10.4
                                           8.7
                                                  7.8
                                                         8.1
                                                                8.0
                                                                       8.1
                                                                              7.8
                                                                                     8.3
                                                                                             9.4
##
                      9.9
                                                        10.6
                            10.2
                                   10.3
                                                 10.0
                                                                                    11.5
##
   [88729]
               9.7
                                           9.6
                                                               11.1
                                                                      11.0
                                                                             11.4
                                                                                           12.8
                                                                7.3
                                                                              6.6
##
   [88741]
              12.0
                     11.6
                            11.9
                                   10.9
                                           9.5
                                                  8.9
                                                         8.2
                                                                       6.8
                                                                                     6.4
                                                                                            5.9
##
   [88753]
               3.9
                      3.4
                             4.7
                                    3.5
                                           3.5
                                                  3.4
                                                         5.0
                                                                6.9
                                                                       8.0
                                                                              9.0
                                                                                    10.1
                                                                                           10.7
               9.9
                            10.0
                                                                                     5.5
##
   [88765]
                     11.0
                                    9.0
                                           8.0
                                                  7.4
                                                         6.6
                                                                6.2
                                                                       6.0
                                                                              5.8
                                                                                             5.6
##
   [88777]
               5.5
                      5.3
                             5.0
                                    5.1
                                           5.4
                                                  5.1
                                                         5.5
                                                                6.1
                                                                       7.0
                                                                              8.0
                                                                                     9.1
                                                                                           10.0
   [88789]
               9.8
                      9.3
                             8.9
                                    8.0
                                           6.6
                                                  6.0
                                                         5.7
                                                                5.5
                                                                       5.2
                                                                              4.9
                                                                                     5.2
                                                                                            5.1
##
##
   [88801]
               4.8
                      4.6
                             4.4
                                    4.3
                                           4.3
                                                  4.2
                                                         4.7
                                                                6.0
                                                                       7.0
                                                                              7.8
                                                                                     8.7
                                                                                            9.2
   [88813]
              10.3
                     10.3
                             9.9
                                           7.3
##
                                    9.0
                                                  6.7
                                                         6.1
                                                                5.8
                                                                       5.7
                                                                              5.4
                                                                                     5.1
                                                                                             5.0
   [88825]
                      4.4
                             4.0
                                    3.6
                                           3.4
                                                  3.1
                                                         5.0
                                                                6.6
                                                                       8.2
                                                                              9.7
                                                                                    11.0
                                                                                           11.7
##
               4.6
##
   [88837]
              11.6
                     11.3
                            10.7
                                    9.6
                                           7.5
                                                  7.0
                                                         6.7
                                                                6.7
                                                                       6.5
                                                                              6.4
                                                                                     6.4
                                                                                             6.7
               6.5
                             5.9
                                           5.8
                                                                7.3
                                                                              8.5
                                                                                     9.5
                                                                                             9.6
##
   [88849]
                      6.1
                                    5.9
                                                  5.7
                                                         6.3
                                                                       8.1
   [88861]
               9.5
                      9.2
                             8.8
                                    7.9
                                           7.1
                                                  6.9
                                                         6.5
                                                                6.6
                                                                       6.6
                                                                              6.6
                                                                                     6.6
                                                                                             6.7
##
                                                                       8.2
               6.7
                                                                7.8
                                                                              9.1
                                                                                            9.7
##
   [88873]
                      6.6
                             6.6
                                    6.6
                                           6.6
                                                  6.6
                                                         7.1
                                                                                     9.0
##
   [88885]
               9.5
                      9.5
                             9.1
                                    8.3
                                           7.6
                                                  7.3
                                                         6.9
                                                                6.7
                                                                       6.7
                                                                              6.6
                                                                                     6.7
                                                                                             6.8
##
   [88897]
               6.8
                      6.7
                             6.8
                                    6.9
                                           6.9
                                                  7.0
                                                         7.4
                                                                8.4
                                                                       9.9
                                                                             10.4
                                                                                    10.0
                                                                                             9.8
   [88909]
               8.9
                      9.1
                             8.9
                                    8.6
                                           8.3
                                                         7.8
                                                                7.4
                                                                       7.2
                                                                              7.0
                                                                                     7.1
                                                                                             7.2
##
                                                  8.1
                      7.4
   [88921]
               7.3
                             7.5
                                    7.6
                                           7.6
                                                  7.7
                                                                       9.7
                                                                                    12.8
                                                                                           13.3
##
                                                         8.0
                                                                8.6
                                                                             11.0
   [88933]
              12.6
                     12.4
                                   10.0
                                                                       9.3
                                                                              9.3
                                                                                     9.2
                                                                                             9.0
##
                            11.4
                                           9.6
                                                  9.4
                                                         9.4
                                                                9.4
                                                                                     8.9
                                                                                             9.2
##
   [88945]
               8.4
                      8.0
                             7.6
                                    7.3
                                           7.0
                                                  6.7
                                                         6.9
                                                                7.6
                                                                       8.2
                                                                              8.6
   [88957]
              10.4
                     10.1
                             9.4
                                    8.4
                                           6.9
                                                  6.7
                                                         6.6
                                                                6.3
                                                                       6.0
                                                                              5.9
                                                                                     5.8
                                                                                             5.6
   [88969]
               5.5
                      5.3
                             5.0
                                    4.8
                                           4.6
                                                  4.6
                                                         5.5
                                                                6.3
                                                                       7.0
                                                                              7.5
                                                                                     7.4
                                                                                            7.6
##
   [88981]
                      7.9
                                                                                     5.2
##
               8.2
                             7.8
                                    7.4
                                           6.8
                                                  6.5
                                                         6.1
                                                                5.9
                                                                       5.6
                                                                              5.3
                                                                                             5.5
   [88993]
               5.3
                      5.1
                             4.8
                                    4.6
                                           4.6
                                                  4.5
                                                         4.9
                                                                5.7
                                                                       6.5
                                                                              6.9
                                                                                     7.5
                                                                                             6.8
##
##
   [89005]
               7.0
                      7.0
                             6.5
                                    6.0
                                           5.1
                                                  4.9
                                                         5.0
                                                                5.2
                                                                       5.3
                                                                              5.5
                                                                                     5.6
                                                                                             5.7
##
   [89017]
               5.8
                      5.8
                             5.9
                                    5.8
                                           5.8
                                                  5.8
                                                         6.4
                                                                6.8
                                                                       7.0
                                                                              7.3
                                                                                     7.7
                                                                                             8.2
##
   [89029]
               7.3
                      7.7
                             8.0
                                    8.0
                                           8.2
                                                  8.5
                                                         8.6
                                                                8.1
                                                                       9.0
                                                                              9.0
                                                                                     5.9
                                                                                             5.1
##
   [89041]
               4.6
                      2.2
                             1.5
                                    0.6
                                          -0.5
                                                 -1.0
                                                        -0.8
                                                               -0.1
                                                                       0.6
                                                                              1.9
                                                                                     4.2
                                                                                             8.1
   [89053]
               7.2
                      6.9
                                                  1.8
                                                                       4.0
                                                                              4.2
                                                                                     5.0
                                                                                            7.9
##
                             6.2
                                    5.2
                                           3.0
                                                         1.5
                                                                1.8
                                                                       3.9
   [89065]
               8.8
                      9.3
                             9.9
                                    9.9
                                           3.5
                                                  3.4
                                                         4.8
                                                                3.8
                                                                              8.3
                                                                                     6.0
                                                                                             6.1
##
   [89077]
               1.2
                             0.8
                                          -1.2
                                                 -1.8
                                                        -2.5
                                                               -2.7
                                                                      -3.0
                                                                             -3.0
                                                                                    -2.5
                                                                                           -2.9
##
                      1.1
                                    0.1
   [89089]
              -3.4
                     -3.5
                            -3.8
                                   -3.5
                                          -3.9
                                                 -3.7
                                                        -2.5
                                                               -1.0
                                                                       0.4
                                                                              1.8
                                                                                     4.9
                                                                                            8.6
   [89101]
               9.7
                      7.6
                             6.5
                                    4.7
                                           3.3
                                                  2.6
                                                         1.7
                                                                1.2
                                                                       1.4
                                                                              2.2
                                                                                     2.1
                                                                                             2.3
##
   [89113]
               2.5
                      2.6
                             2.6
                                    3.1
                                           3.4
                                                  3.7
                                                         6.5
                                                                8.7
                                                                      10.6
                                                                             12.3
                                                                                    13.4
                                                                                           12.6
##
   [89125]
              13.1
                     15.2
                            14.1
                                   14.6
                                          12.4
                                                 12.5
                                                        12.2
                                                               12.4
                                                                      12.4
                                                                             12.9
                                                                                    12.4
                                                                                           12.1
##
                     12.4
                            12.8
                                                               13.6
                                                                             14.8
                                   12.9
                                          12.9
                                                 12.9
                                                        13.2
                                                                      14.5
   [89137]
              12.3
                                                                                    15.1
                                                                                           15.4
   [89149]
              16.4
                     16.1
                            15.5
                                   14.5
                                          12.7
                                                 11.9
                                                        11.9
                                                               12.4
                                                                      13.3
                                                                             12.6
                                                                                    13.2
                                                                                           13.2
##
                                                                                    17.7
##
   [89161]
              13.2
                     13.5
                            13.9
                                   13.3
                                          13.0
                                                 13.1
                                                        14.1
                                                               15.6
                                                                      16.9
                                                                             17.5
                                                                                           17.6
                                                                                     7.5
##
   [89173]
              17.7
                     17.6
                            17.0
                                   15.7
                                          13.5
                                                 12.7
                                                         8.6
                                                                9.0
                                                                       8.0
                                                                              7.7
                                                                                            7.5
                                                                       9.5
                                                                             10.6
                                                                                    11.5
##
   [89185]
               7.7
                      7.8
                             7.8
                                    7.8
                                           7.7
                                                  7.6
                                                         8.3
                                                                8.7
                                                                                           11.8
                                           7.9
                                                  7.3
                                                                       7.7
                                                                              7.6
                                                                                     7.5
   [89197]
               8.9
                      9.7
                             9.2
                                    8.6
                                                         7.5
                                                                8.1
                                                                                            7.5
##
                      7.9
##
   [89209]
               7.7
                             8.0
                                    8.1
                                           8.4
                                                  9.5
                                                        11.1
                                                               11.5
                                                                      11.4
                                                                             11.6
                                                                                    12.1
                                                                                           12.3
   [89221]
              14.6
                     15.4
                            16.0
                                   15.9
                                                        14.0
                                                                      13.8
                                                                                    13.8
                                                                                           13.9
##
                                          14.8
                                                 14.9
                                                               13.9
                                                                             13.8
   [89233]
              14.2
                     13.7
                            13.5
                                   13.3
                                          12.9
                                                 12.8
                                                        14.4
                                                               15.9
                                                                      16.0
                                                                             17.6
                                                                                    17.8
                                                                                           17.4
   [89245]
              17.9
                     17.8
                            17.1
                                   15.8
                                          13.8
                                                 12.2
                                                        11.7
                                                               11.6
                                                                      12.3
                                                                             12.4
                                                                                    11.0
                                                                                           10.8
   [89257]
              11.5
                     10.3
                            10.5
                                    9.8
                                          10.4
                                                 10.8
                                                        12.3
                                                               13.8
                                                                      14.3
                                                                             12.3
                                                                                    11.5
                                                                                           13.5
##
   [89269]
              14.1
                     13.9
                            13.7
                                   12.3
                                          11.4
                                                 10.2
                                                         9.9
                                                                9.6
                                                                       9.9
                                                                             10.2
                                                                                     9.3
                                                                                            8.8
                                                               10.9
   [89281]
               9.2
                      7.7
                             6.9
                                    6.1
                                           5.7
                                                  6.0
                                                         9.1
                                                                      12.2
                                                                             13.3
                                                                                    14.4
                                                                                           15.2
##
   [89293]
              15.0
                     15.5
                            15.6
                                  15.3
                                          13.5
                                                 11.8
                                                        11.0
                                                               10.4
                                                                      10.1
                                                                              9.6
                                                                                     9.2
                                                                                            8.8
```

```
## [89305]
              8.3
                    7.9
                           7.4
                                  7.1
                                        6.9
                                               7.1
                                                      9.6
                                                           12.8 14.6 15.9
                                                                               16.9
                                                                                      17.6
             17.7
   [89317]
                    17.6
                                 15.5
                                       13.2
                                                     10.6
                                                            9.7
                                                                   9.1
                                                                          8.7
                                                                                8.3
                                                                                       7.9
##
                          17.1
                                              11.7
                                                     10.3
                                                                               17.4
   [89329]
              7.9
                    7.7
                           7.6
                                  7.5
                                        7.3
                                               7.8
                                                           13.5
                                                                  15.4
                                                                         16.7
                                                                                      17.6
   [89341]
                                                     10.4
                                                           10.5
                                                                  10.2
                                                                         10.0
             18.1
                   17.6
                          16.9
                                 15.6
                                       13.5
                                              11.2
                                                                                9.6
                                                                                       8.7
                                                                                      18.6
##
   [89353]
              8.2
                    7.9
                           7.8
                                  7.5
                                        8.3
                                               8.5
                                                     10.5
                                                           13.3
                                                                  14.8
                                                                         16.8
                                                                               18.1
   [89365]
             19.6
                   19.6
                          19.0
                                 18.1
                                       16.2
                                              14.5
                                                     13.6
                                                           13.0
                                                                  14.0
                                                                        14.1
                                                                               14.0
##
                                                                                      13.9
                          12.9
                                 13.0
                                       13.2
                                              12.9
                                                     13.7
                                                           15.4
                                                                  16.1
                                                                         16.8
   [89377]
             13.5
                   13.2
                                                                               17.3
                                       13.9
                                                     12.4
                                                           12.1
   [89389]
             17.3
                   17.1
                          16.4
                                 15.3
                                              12.7
                                                                  11.8
                                                                        11.6
                                                                               10.9
                                                                                      10.5
##
   [89401]
             10.2
                    9.9
                           9.7
                                  9.4
                                        9.3
                                               9.6
                                                     12.1
                                                           14.0
                                                                  15.1
                                                                         16.0
                                                                               16.5
                                                                                      16.6
                                                     10.3
                                                                                8.5
                                                                                       7.9
##
   [89413]
             16.7
                   16.3
                          15.6
                                 14.5
                                       12.8
                                              11.2
                                                            9.7
                                                                   9.4
                                                                          9.1
   [89425]
              7.7
                    7.7
                           7.8
                                  8.0
                                        8.8
                                               9.1
                                                     10.7
                                                           10.6
                                                                  11.0
                                                                         12.5
                                                                               14.2
                                                                                      15.5
   [89437]
             14.3
                   14.6
                          14.3
                                 14.0
                                       13.5
                                              12.5
                                                     10.6
                                                            9.8
                                                                   9.1
                                                                          8.5
                                                                                8.3
                                                                                       8.0
##
##
   [89449]
              7.9
                    7.5
                           7.2
                                  7.1
                                        7.0
                                               7.5
                                                     10.7
                                                           13.2
                                                                  15.4
                                                                         17.0
                                                                               17.9
                                                                                      18.2
   [89461]
                   18.2
                          17.5
                                 16.5
                                       15.2
                                              13.8
                                                           12.6
                                                                  12.3
                                                                         13.3
                                                                               13.4
##
             18.4
                                                     13.1
                                                                                      13.3
   [89473]
             13.0
                   12.7
                          12.2
                                 12.3
                                       12.1
                                              12.6
                                                     14.5
                                                           16.3
                                                                  17.6
                                                                         18.8
                                                                               20.0
                                                                                      20.8
   [89485]
             21.2
                   21.2
                          20.7
                                 19.7
                                       18.3
                                              16.9
                                                     16.4
                                                           16.1
                                                                  15.9
                                                                         15.8
                                                                               15.8
                                                                                      15.9
   [89497]
                   16.3
                          16.4
                                 16.5
                                       16.6
                                              16.8
                                                    17.8
                                                           18.4
                                                                  18.6
                                                                         20.7
##
             15.9
                                                                               21.1
                                                                                      21.1
   [89509]
             20.3
                   16.6
                          16.4
                                 16.0
                                       15.6
                                              15.2
                                                    14.9
                                                           14.7
                                                                  14.6
                                                                         14.5
                                                                               14.2
                                                    13.9
   [89521]
                   13.3
                          12.7
                                       11.8
                                              12.6
                                                           14.9
                                                                  16.5
                                                                         16.9
                                                                               17.7
             13.7
                                 11.8
                                                                                      18.0
   [89533]
             16.6
                   18.3
                          19.7
                                 18.5
                                       16.0
                                              11.2
                                                    12.3
                                                           14.6
                                                                  13.8
                                                                         13.4
                                                                               13.2
                                                                                      12.3
                                                    12.2
                                                                               15.6
##
   [89545]
             11.8
                   11.8
                          12.0
                                 11.5
                                       11.3
                                              11.4
                                                           13.8
                                                                  14.6
                                                                         15.2
                                                                                      15.6
   [89557]
             16.0
                   15.7
                          15.2
                                 14.5
                                       13.1
                                              11.6
                                                     11.1
                                                           10.7
                                                                  10.6
                                                                         10.5
                                                                               10.2
   [89569]
              9.6
                    9.3
                           9.7
                                 10.5
                                        9.6
                                              10.8
                                                     12.8
                                                           14.4
                                                                  15.4
                                                                         16.2
                                                                               17.3
                                                                                      17.9
##
   [89581]
             18.2
                   18.1
                          18.0
                                 17.2
                                       15.8
                                              14.1
                                                     13.6
                                                           13.2
                                                                  13.1
                                                                         12.8
                                                                               12.7
##
                                                                                      12.2
                                                                               10.2
                                                                                      10.0
##
   [89593]
             12.5
                   11.5
                          11.3
                                 10.4
                                        8.4
                                               7.5
                                                      7.0
                                                            7.2
                                                                   8.6
                                                                          9.6
   [89605]
              8.0
                    7.6
                           7.0
                                  7.0
                                        6.6
                                               6.3
                                                      6.1
                                                            6.1
                                                                   6.2
                                                                          6.4
                                                                                6.5
                                                                                       6.6
   [89617]
              6.8
                    7.1
                           7.3
                                  7.8
                                        9.0
                                              11.1
                                                     12.0
                                                           11.7
                                                                  12.4
                                                                         13.0
                                                                               13.7
                                                                                      14.3
##
   [89629]
##
             15.0
                   15.1
                          14.9
                                 14.1
                                       13.1
                                              11.7
                                                     11.1
                                                           11.3
                                                                  10.6
                                                                         11.2
                                                                               11.3
                                                                                       9.8
   [89641]
              9.2
                    9.7
                           8.2
                                  9.1
                                        9.7
                                              10.6
                                                     10.9
                                                            8.9
                                                                   7.7
                                                                          9.3
                                                                                9.8
                                                                                       9.7
##
##
   [89653]
              7.3
                     8.0
                           7.8
                                  7.7
                                        6.9
                                               6.3
                                                      6.4
                                                            6.4
                                                                   6.3
                                                                          5.7
                                                                                5.6
                                                                                       5.5
##
   [89665]
              5.6
                    5.6
                           5.6
                                  5.4
                                        5.4
                                               5.7
                                                      6.1
                                                            6.4
                                                                   6.9
                                                                          7.2
                                                                                7.7
                                                                                       8.4
##
   [89677]
             11.3
                   10.9
                          12.4
                                 13.4
                                       11.6
                                              10.0
                                                      9.4
                                                            9.7
                                                                   9.1
                                                                          8.8
                                                                                9.0
                                                                                       9.4
   [89689]
              9.8
                   12.4
                          12.9
                                 12.7
                                        12.5
                                              12.6
                                                     13.4
                                                           13.4
                                                                  12.7
                                                                         11.9
                                                                               11.3
                                                                                      13.0
                                 16.5
                                                                         12.6
   [89701]
                   18.4
                          18.1
                                              14.6
                                                     14.2
                                                           13.9
                                                                  13.7
             18.0
                                       15.8
                                                                               11.9
                                                                                      11.5
   [89713]
              9.9
                    9.6
                           9.4
                                 10.7
                                       11.4
                                              11.8
                                                     12.8
                                                           14.3
                                                                  15.1
                                                                         15.9
                                                                               16.6
                                                                                      16.9
   [89725]
             17.2
                   16.8
                          16.2
                                 15.2
                                       13.6
                                              11.6
                                                           10.5
                                                                   9.7
                                                                          9.5
                                                                                9.5
##
                                                     11.1
                                                                                       9.4
   [89737]
              9.4
                    9.3
                           9.8
                                  9.8
                                        9.7
                                              10.2
                                                     10.6
                                                            9.5
                                                                   9.6
                                                                          9.9
                                                                               11.8
                                                                                      11.4
   [89749]
             10.6
                   10.1
                           9.3
                                  8.3
                                        8.1
                                               7.8
                                                      7.8
                                                            7.3
                                                                   6.9
                                                                          6.7
                                                                                6.4
                                                                                       5.9
##
   [89761]
              5.1
                     4.7
                           4.5
                                  4.2
                                        4.0
                                               6.0
                                                      7.5
                                                            9.6
                                                                  11.3
                                                                         12.4
                                                                               13.6
                                                                                      14.5
##
   [89773]
             14.0
                   14.4
                          14.4
                                 13.5
                                       12.0
                                              10.8
                                                      9.7
                                                            9.3
                                                                   8.8
                                                                          8.6
                                                                                8.5
                                                                                       7.8
##
   [89785]
                    6.9
                           6.6
                                  6.5
                                               8.4
                                                     11.0
                                                           13.2
                                                                  14.7
                                                                         16.0
                                                                               16.9
                                                                                      17.3
              7.3
                                        6.6
   [89797]
             17.7
                   17.3
                          16.5
                                 15.4
                                       13.6
                                              11.5
                                                     10.7
                                                           10.3
                                                                  10.3
                                                                        10.1
                                                                                9.9
                                                                                      10.3
                           9.7
                                  9.8
                                        9.0
##
   [89809]
              9.9
                   10.0
                                              10.7
                                                     13.8
                                                           16.5
                                                                  18.2
                                                                         19.8
                                                                               19.7
                                                                                      20.0
   [89821]
             19.0
                                 18.5
##
                   18.1
                          18.8
                                       17.1
                                              13.6
                                                    11.8
                                                           11.2
                                                                  12.2
                                                                         12.8
                                                                               12.8
                                                                                      12.4
                                       12.3
                                                           16.3
                                                                  17.3
   [89833]
             12.3
                   12.1
                          12.2
                                 12.4
                                              13.6
                                                     15.2
                                                                         18.4
                                                                               19.4
                                                           12.8
   [89845]
             17.7
                   16.7
                          16.4
                                 16.3
                                       15.3
                                              13.5
                                                     12.4
                                                                  11.6
                                                                        11.4
                                                                               10.4
                                                                                      10.4
##
##
   [89857]
              9.9
                   10.0
                           9.9
                                  9.7
                                        9.4
                                              10.2
                                                     12.9
                                                           14.7
                                                                  15.8
                                                                         16.5
                                                                               17.1
                                                                                      17.4
   [89869]
                   18.1
                                 16.4
                                              10.7
                                                                  10.4
                                                                                9.1
                                                                                       9.4
##
             18.2
                          17.7
                                       13.8
                                                     10.7
                                                           10.6
                                                                          9.9
   [89881]
              9.5
                    8.4
                           8.0
                                  7.9
                                        7.8
                                               9.4
                                                     12.6
                                                           14.6
                                                                  15.8
                                                                         16.7
                                                                               17.5
                                                                                      18.1
   [89893]
             18.3
                   18.3
                          17.9
                                 16.6
                                       14.4
                                              10.8
                                                     10.3
                                                            9.7
                                                                   9.2
                                                                          8.6
                                                                                8.4
                                                                                       8.0
   [89905]
                    7.9
                           7.5
                                  7.5
                                        7.6
                                               9.5
                                                     13.0
                                                           16.0
                                                                  18.1
                                                                         19.4
                                                                               20.4
##
              8.1
                                                                                      21.0
## [89917]
             21.8
                   21.8
                          21.4
                                 20.5
                                       19.0
                                              16.3
                                                    14.9
                                                           14.4
                                                                  14.2
                                                                         13.5
                                                                               13.1
                                                                                     12.8
## [89929]
             12.4
                   12.0
                          11.8
                                 11.7
                                       11.6
                                              13.2
                                                     15.9
                                                           18.3
                                                                  20.3
                                                                         21.7
                                                                               22.6
                                                                                     23.0
## [89941]
             23.6
                   23.4
                          22.6 21.1
                                       18.9
                                              16.9
                                                     16.6 16.6 16.0 15.1 15.1
```

```
## [89953]
            14.8
                   14.8
                        14.6
                              14.0 13.3
                                           15.3 18.4
                                                         20.2 21.5
                                                                      22.7
                                                                             23.5
   [89965]
            23.4
                   23.8
                         23.6
                                22.6
                                      20.8
                                            18.3
                                                   15.7
                                                         13.8
                                                                14.7
                                                                      13.6
                                                                             12.7
                                                                                   12.4
   [89977]
            12.2
                   11.7
                         11.1
                                 8.8
                                       8.4
                                            10.4
                                                   11.7
                                                         12.6
                                                                13.4
                                                                      14.5
                                                                             15.7
                                                   12.3
   [89989]
            17.2
                   17.2
                         16.8
                                16.0
                                      14.5
                                            13.3
                                                         11.4
                                                                11.8
                                                                      12.1
                                                                             11.6
                                                                                   10.9
   [90001]
            10.3
                    8.8
                          8.3
                                 7.9
                                       7.7
                                              9.8
                                                   11.7
                                                         13.3
                                                                14.7
                                                                      16.1
                                                                             17.2
                                                                                   17.8
   [90013]
            16.6
                   16.8
                         16.4
                                15.6
                                      14.2
                                            12.0
                                                   11.0
                                                         10.1
                                                                 9.5
                                                                       8.7
                                                                              7.9
                                                                                    7.3
##
   [90025]
                          6.1
                                       5.8
                                              8.9
                                                   11.1
                                                         12.6
                                                                14.1
                                                                      15.6
                                                                             17.1
             6.9
                    6.5
                                 5.8
                                                                                   18.7
   [90037]
                   18.6
                                      16.9
                                            13.3
                                                         10.9
                                                                10.1
##
            18.1
                         18.6
                                18.1
                                                   11.9
                                                                       9.4
                                                                              8.8
                                                                                    8.4
##
   [90049]
             8.0
                    7.6
                          7.4
                                 7.5
                                       7.4
                                            10.9
                                                   13.9
                                                         16.4
                                                                18.5
                                                                      20.5
                                                                             22.4
                                                                                   23.6
   [90061]
            23.0
                   22.8
                         22.4
                                21.2
                                                   15.9
                                                         15.2
##
                                      19.3
                                            16.8
                                                                14.5
                                                                      13.9
                                                                             14.1
                                                                                   13.6
   [90073]
            13.3
                   12.7
                         13.1
                                13.3
                                      13.1
                                            14.0
                                                   16.3
                                                         19.2
                                                                21.7
                                                                      22.9
                                                                             23.6
                                                                                   24.4
   [90085]
            23.7
                   23.0
                         22.0
                                20.8
                                      19.2
                                            17.2
                                                   16.4
                                                         15.0
                                                                14.8
                                                                      13.9
                                                                             13.4
                                                                                   13.2
##
   [90097]
            13.1
                   12.9
                         12.8
                                12.7
                                      12.8
                                            14.8
                                                   17.9
                                                         20.0
                                                                21.4
                                                                      22.3
                                                                             22.9
                                                                                   23.4
                                                                15.8
   [90109]
            23.8
                   23.4
                                21.6
                                      20.1
                                                   17.2
                                                         16.5
                                                                      16.0
                                                                             15.5
##
                         22.7
                                            17.8
                                                                                   14.5
   [90121]
            13.7
                   13.3
                         13.0
                                12.6
                                      12.6
                                            15.0
                                                   18.3
                                                         20.8
                                                                22.6
                                                                      23.9
                                                                             24.9
                                                                                   25.6
   [90133]
            25.7
                   25.4
                         24.7
                                23.5
                                      21.8
                                             18.6
                                                   16.7
                                                          15.1
                                                                14.6
                                                                      13.6
                                                                             13.0
                                                                                   12.3
   [90145]
            11.8
                   11.5
                                11.3
                                      11.7
                                            14.6
                                                   16.5
                                                         17.9
                                                                19.0
                                                                      20.0
                                                                             21.2
                                                                                   22.1
##
                         11.4
   [90157]
            23.1
                   23.3
                         23.0
                                22.1
                                      20.1
                                            16.9
                                                   15.4
                                                         14.4
                                                                13.5
                                                                      12.4
                                                                             11.3
   [90169]
            10.2
                    9.9
                          9.6
                                 9.3
                                       9.4
                                            11.4
                                                   13.3
                                                         15.0
                                                                16.2
                                                                      17.3
                                                                             18.4
                                                                                   18.8
  [90181]
            20.2
                   20.1
                         19.6
                                18.5
                                      16.7
                                             14.4
                                                   13.3
                                                         12.4
                                                                12.0
                                                                      11.7
                                                                             11.5
                                                                                   11.0
                                                   12.4
                                                         13.6
                                                                             17.2
##
  [90193]
            10.2
                    9.5
                          9.1
                                 8.9
                                       9.2
                                            11.1
                                                                14.8
                                                                      16.2
                                                                                   17.9
  [90205]
            19.4
                   19.6
                         20.2
                                18.6
                                      17.7
                                            16.3
                                                   15.0
                                                         14.6
                                                                14.0
                                                                      12.9
                                                                             11.9
                                      11.1
  [90217]
                   11.2
                         10.5
                                10.7
                                            12.6
                                                   14.7
                                                         15.7
                                                                16.3
                                                                      17.4
                                                                             18.9
                                                                                   20.4
            11.4
   [90229]
            22.8
                   23.2
                         23.1
                                22.4
                                      20.9
                                            18.4
                                                   16.8
                                                         15.7
                                                                14.2
                                                                      12.9
                                                                             12.2
##
                                                                                   11.8
   [90241]
                          9.2
                                            12.9
                                                   15.0
                                                         16.6
                                                                18.0
                                                                      19.0
                                                                                   21.1
##
            10.6
                    9.5
                                 9.1
                                      10.0
                                                                             20.1
   [90253]
            20.7
                   21.0
                         20.7
                                19.8
                                      18.4
                                            15.4
                                                   13.6
                                                         12.3
                                                                11.4
                                                                      10.7
                                                                             10.2
                                                                                    9.6
   [90265]
             9.0
                    8.5
                          8.0
                                7.8
                                       8.2
                                            11.4
                                                   13.8
                                                         15.7
                                                                17.2
                                                                      18.5
                                                                             19.9
                                                                                   21.0
##
   [90277]
            20.8
                   20.8
                         20.6
                                20.0
                                      18.7
                                             15.7
                                                   13.8
                                                         13.0
                                                                12.7
##
                                                                      12.5
                                                                             12.8
                                                                                   12.4
                                                                19.4
   [90289]
            12.6
                   11.6
                         11.1
                                11.0
                                      12.3
                                            15.6
                                                  16.8
                                                         18.5
                                                                      18.6
                                                                             20.1
                                                                                   20.3
##
   [90301]
            17.8
                   16.6
                         17.4
                                15.4
                                      13.9
                                            12.4
                                                   11.0
                                                         10.2
                                                                 9.4
                                                                        8.5
                                                                              8.0
                                                                                    7.9
##
   [90313]
             9.8
                   10.0
                          8.7
                                 8.5
                                       8.6
                                            11.8
                                                   14.6
                                                         16.6
                                                                17.7
                                                                      18.5
                                                                             18.8
                                                                                   18.8
##
   [90325]
            19.1
                   18.7
                         18.4
                                17.6
                                      16.4
                                            13.4
                                                   11.8
                                                         10.8
                                                                10.4
                                                                      10.1
                                                                             10.4
                                                                                   10.8
                                                                20.2
   [90337]
            11.0
                    9.7
                         10.1
                                 9.3
                                       9.7
                                             12.4
                                                   16.2
                                                         18.4
                                                                      21.2
                                                                             21.9
                                                                                   22.4
                                                   14.9
   [90349]
            23.3
                   23.2
                         22.8
                                21.8
                                      19.8
                                            16.1
                                                         14.7
                                                                14.4
                                                                      14.1
                                                                             13.9
                                                                                   13.6
   [90361]
            13.4
                   13.0
                         12.3
                                12.5
                                      13.5
                                             15.6
                                                   19.3
                                                         21.5
                                                                23.2
                                                                      24.4
                                                                             25.4
                                                                                   26.1
   [90373]
            26.4
                   26.3
                         25.7
                                24.4
                                      22.1
                                            18.0
                                                   16.3
                                                         16.3
                                                                16.0
                                                                      15.8
                                                                             15.7
##
                                                                                   15.9
   [90385]
            15.6
                   15.2
                         15.2
                                14.6
                                      14.9
                                            17.3
                                                   20.6
                                                         23.0
                                                                24.9
                                                                      26.3
                                                                             27.2
   [90397]
            28.1
                   27.9
                         27.4
                                26.3
                                      24.4
                                            21.4
                                                   19.7
                                                         18.3
                                                                17.7
                                                                      17.2
                                                                             17.3
                                                                                   17.3
   [90409]
            17.5
                   17.1
                         16.9
                                16.6
                                      17.1
                                            19.5
                                                   23.0
                                                         25.4
                                                                27.0
                                                                      28.0
                                                                             28.7
                                                                                   29.0
                                                         20.3
   [90421]
            29.0
                   28.7
                         28.2
                                27.4
                                      26.0
                                            23.1
                                                   21.4
                                                                19.3
                                                                      18.8
                                                                             18.4
                                                                                   18.2
##
   [90433]
                   17.3
                         16.8
                                15.9
                                      16.5
                                            19.6
                                                   22.5
                                                         24.3
                                                                25.6
                                                                      26.3
            17.9
                                                                             26.8
   [90445]
            27.6
                   27.3
                         26.8
                                26.0
                                      24.4
                                            21.0
                                                   19.5
                                                         18.7
                                                                17.9
                                                                      17.3
                                                                             16.6
                                                                                   15.8
   [90457]
                         15.2
                                14.7
                                      15.9
                                            19.2
                                                   22.4
                                                         24.4
                                                                26.0
            15.5
                   15.4
                                                                      27.0
                                                                             27.7
                                                                                   28.1
   [90469]
            28.0
                                26.6
                                      25.2
                                                                      17.2
                                                                             16.6
##
                   27.8
                         27.3
                                            21.1
                                                   19.1
                                                         18.1
                                                                17.6
                                                                                   15.5
   [90481]
                                      14.4
                                            16.4
                                                         19.5
                                                                20.5
            14.8
                   14.2
                         13.9
                                13.6
                                                   18.0
                                                                      21.4
                                                                             22.1
                   23.0
                         22.4
                                            17.2
                                                         14.8
                                                                      12.9
   [90493]
            23.1
                                21.2
                                      19.5
                                                   15.8
                                                                13.9
                                                                             12.4
                                                                                   12.8
                                                         15.2
##
   [90505]
            12.6
                   12.3
                         12.1
                                11.9
                                      12.3
                                            13.1
                                                   13.9
                                                                16.7
                                                                      18.1
                                                                             19.7
                                                                                   21.0
   [90517]
                                                   15.9
                                                         14.9
                                                                13.9
                                                                      13.2
            22.7
                   22.8
                         22.5
                                21.5
                                      19.8
                                            17.4
                                                                             12.7
                                                                                   12.4
   [90529]
            12.2
                   12.5
                         12.5
                                12.4
                                      12.6
                                            13.6
                                                   14.9
                                                         16.6
                                                                18.5
                                                                      20.3
                                                                             22.1
                                                                                   23.3
                                      22.5
   [90541]
            24.3
                   24.6
                         24.3
                                23.8
                                             18.5
                                                   16.0
                                                         14.8
                                                                13.8
                                                                      13.0
                                                                             12.6
                                                                                   12.3
  [90553]
                   11.8
                         11.3
                                10.8
                                      12.1
                                            14.4
                                                   16.4
                                                         17.9
                                                                19.3
                                                                      19.8
                                                                             21.3
##
            12.1
                                                                                   22.3
                                      22.0
## [90565]
            25.4
                   25.4
                         24.8
                                23.8
                                            19.0
                                                   16.8
                                                         15.5
                                                                14.4
                                                                      13.7
                                                                            13.0
                                                                                   12.3
## [90577]
            11.7
                   11.7
                         10.7
                                10.3
                                      11.3
                                            13.8
                                                   15.6
                                                         17.5
                                                                19.0
                                                                      20.7
                                                                             22.2
                                                                                   23.4
## [90589]
            24.2
                   24.5
                         23.9
                               23.2
                                      21.7
                                            18.4 16.3 15.3 14.6 14.1 13.7
                                                                                  13.2
```

```
## [90601]
             12.7
                   12.5
                         12.2
                                12.1
                                      13.8
                                             16.2
                                                   18.6
                                                          20.7 22.1
                                                                       23.2
   [90613]
            27.8
                   26.2
                          25.2
                                24.7
                                      23.6
                                             20.9
                                                   19.7
                                                          18.1
                                                                17.1
                                                                       16.6
                                                                             15.6
                                                                                    15.2
   [90625]
             14.9
                   14.9
                          15.5
                                15.3
                                      16.3
                                             18.1
                                                    19.9
                                                          21.1
                                                                 21.9
                                                                       23.1
                                                                              24.2
                                                                                    25.2
                                             20.4
                                                    18.7
   [90637]
             25.8
                   26.2
                          25.9
                                24.7
                                      23.0
                                                          17.8
                                                                 17.0
                                                                       16.0
                                                                              15.2
                                                                                    14.7
   [90649]
             14.3
                   14.0
                          13.8
                                13.7
                                      14.9
                                             16.9
                                                    18.5
                                                          20.0
                                                                 21.2
                                                                       22.4
                                                                              22.6
                                                                                    24.7
   [90661]
            24.1
                   24.2
                          24.1
                                23.3
                                      22.0
                                             20.4
                                                    19.1
                                                          18.6
                                                                 18.1
                                                                       17.6
                                                                              16.9
##
                                                                                    16.1
                          15.0
                                14.7
                                      15.3
                                             15.5
                                                    14.9
                                                          14.7
                                                                 14.8
                                                                       14.7
   [90673]
             15.6
                   15.2
                                                                              15.7
                                             16.2
                                                          15.8
                                                                 15.8
   [90685]
             20.9
                   20.1
                          18.9
                                17.3
                                      16.9
                                                    15.8
                                                                       15.8
                                                                              15.7
                                                                                    15.6
##
   [90697]
             15.5
                   15.4
                          15.3
                                15.2
                                      15.5
                                             17.2
                                                    18.9
                                                          20.2
                                                                 20.6
                                                                       21.4
                                                                              20.9
                                                                                    21.2
                                                    16.3
##
   [90709]
             18.9
                   19.6
                          18.5
                                18.2
                                      18.0
                                             17.1
                                                          16.1
                                                                 15.8
                                                                       15.5
                                                                              15.4
                                                                                    15.5
   [90721]
             15.2
                   15.8
                          16.0
                                15.8
                                      16.1
                                             17.8
                                                    19.7
                                                          21.4
                                                                 23.2
                                                                       24.5
                                                                              25.0
                                                                                    24.6
   [90733]
             24.7
                   24.2
                          23.7
                                22.9
                                      21.6
                                             19.0
                                                    16.7
                                                          15.7
                                                                 15.0
                                                                       14.6
                                                                              14.7
##
                                                                                    14.4
##
   [90745]
             14.1
                   13.8
                          13.7
                                13.7
                                      16.0
                                             19.1
                                                    21.2
                                                          23.0
                                                                 24.1
                                                                       24.6
                                                                              25.1
                                                                                    25.4
                                                                 16.6
   [90757]
             25.4
                   25.1
                          24.3
                                23.2
                                      21.9
                                             19.3
                                                          17.3
                                                                       15.9
                                                                              15.5
##
                                                    18.0
                                                                                    15.1
   [90769]
            15.0
                   14.8
                          14.8
                                15.3
                                      16.4
                                             18.7
                                                    20.9
                                                          22.4
                                                                 23.3
                                                                       23.3
                                                                              23.2
                                                                                    22.9
   [90781]
             23.3
                   23.1
                          22.8
                                22.5
                                       21.7
                                             18.9
                                                    16.5
                                                          15.9
                                                                 15.3
                                                                       15.0
                                                                              14.6
                                                                                    14.7
   [90793]
             15.0
                   15.7
                                14.8
                                      15.3
                                             16.0
                                                    16.6
                                                          18.2
                                                                 17.3
                                                                       17.7
                                                                              18.6
                                                                                    18.8
##
                          14.9
   [90805]
             19.5
                   19.8
                          18.9
                                18.5
                                       18.1
                                             17.6
                                                   17.0
                                                          14.3
                                                                 13.9
                                                                       13.6
                                                                              12.9
                                                                                    12.5
                                                          18.9
   [90817]
                   13.0
                          12.7
                                12.3
                                      13.4
                                             15.6
                                                   17.3
                                                                 20.1
                                                                       21.1
                                                                              21.7
             13.4
                                                                                    21.1
   [90829]
             20.4
                   20.2
                          19.6
                                18.9
                                      17.8
                                             15.8
                                                    13.9
                                                          12.8
                                                                 11.8
                                                                       10.9
                                                                              10.6
                                                                                    10.4
                                 9.4
                                      11.3
##
   [90841]
             10.3
                   10.0
                           9.7
                                             14.4
                                                    16.7
                                                          18.3
                                                                 19.7
                                                                       20.8
                                                                              21.7
                                                                                    22.4
   [90853]
             21.6
                   21.8
                          21.9
                                21.6
                                      20.9
                                             19.0
                                                    16.9
                                                          15.9
                                                                 15.1
                                                                       14.4
                                                                              14.1
            14.0
                                                                 23.3
                                                                       24.4
   [90865]
                   13.6
                          13.8
                                13.5
                                      14.9
                                             17.7
                                                    20.1
                                                          21.9
                                                                              25.2
##
                                                                                    25.4
   [90877]
                   24.8
                          24.3
                                23.6
                                      22.4
                                             19.7
                                                    18.2
                                                          17.5
                                                                 16.9
                                                                       16.9
                                                                              16.8
##
             25.0
                                                                                    16.3
                                             20.5
                                                    22.9
                                                          24.7
                                                                 25.7
                                                                              26.7
                                                                                    26.9
##
   [90889]
             16.0
                   15.9
                          15.8
                                15.7
                                      17.6
                                                                       26.6
   [90901]
             27.6
                   26.8
                          26.1
                                25.2
                                      23.8
                                             21.1
                                                    18.1
                                                          17.3
                                                                 17.1
                                                                       17.7
                                                                              18.0
                                                                                    18.3
   [90913]
             18.2
                   18.0
                          17.6
                                17.3
                                      19.7
                                             22.4
                                                    24.8
                                                          26.7
                                                                 27.8
                                                                       28.2
                                                                              28.4
                                                                                    27.3
##
   [90925]
             26.5
                                25.7
                                             22.2
                                                    20.8
                                                          19.3
                                                                 19.7
                                                                              19.9
##
                   26.0
                          25.8
                                       24.1
                                                                       19.6
                                                                                    20.1
   [90937]
                                                          25.3
                                                                 26.8
                                                                              25.9
             20.0
                   19.1
                          17.8
                                18.6
                                      20.7
                                             23.0
                                                    25.2
                                                                       26.7
                                                                                    28.2
##
   [90949]
             26.8
                   26.8
                          27.3
                                26.4
                                       25.0
                                             22.5
                                                    19.3
                                                          18.5
                                                                 18.6
                                                                       18.6
                                                                              19.0
                                                                                    19.2
##
   [90961]
             19.3
                   19.0
                          18.3
                                17.4
                                      19.2
                                             22.5
                                                    24.9
                                                          26.9
                                                                 28.1
                                                                       26.6
                                                                              26.1
                                                                                    26.0
##
   [90973]
             25.0
                   22.8
                          25.5
                                26.0
                                      25.5
                                             23.5
                                                    21.6
                                                          20.6
                                                                 19.5
                                                                       19.0
                                                                              18.9
                                                                                    18.8
                                             21.5
                                                          25.7
   [90985]
             18.6
                   17.9
                          17.6
                                17.0
                                      18.6
                                                    23.9
                                                                 27.4
                                                                       28.8
                                                                              29.9
                                                                                    30.5
   [90997]
             28.6
                   28.2
                          27.3
                                26.6
                                      25.6
                                             23.1
                                                    20.4
                                                          20.7
                                                                 19.0
                                                                       17.2
                                                                              16.5
                                                                                    16.1
   [91009]
             15.7
                   15.7
                          15.7
                                15.7
                                       17.5
                                             19.1
                                                    20.6
                                                          21.9
                                                                 22.8
                                                                       23.7
                                                                              24.7
                                                                                    25.5
  [91021]
            25.0
                   24.8
                          24.6
                                24.2
                                      23.0
                                             20.7
                                                    18.5
                                                          17.4
                                                                 16.6
                                                                       16.2
                                                                              15.8
##
                                                                                    15.7
  [91033]
             15.4
                   15.2
                          14.7
                                14.3
                                      16.0
                                             17.7
                                                    19.1
                                                          20.3
                                                                 21.4
                                                                       22.3
                                                                              23.2
                                                                                    23.8
  [91045]
             22.8
                   23.7
                          23.3
                                22.3
                                      20.9
                                             19.0
                                                    17.5
                                                          16.8
                                                                 16.2
                                                                       15.6
                                                                              15.1
                                                                                    14.9
##
   [91057]
             14.5
                   14.0
                          13.7
                                13.4
                                      14.9
                                             16.4
                                                    17.9
                                                          19.1
                                                                 20.2
                                                                       21.6
                                                                              22.6
                                                                                    23.3
##
                   24.5
                                                          16.8
   [91069]
             24.6
                          24.0
                                23.1
                                      21.7
                                             19.8
                                                   17.9
                                                                 15.9
                                                                       15.7
                                                                              15.3
                                                                                    15.0
##
                                                          19.9
   [91081]
                          14.9
                                14.8
                                      16.0
                                             17.5
                                                    18.9
                                                                 21.1
                                                                       22.5
             15.4
                   15.3
                                                                              23.8
  [91093]
            25.2
                   25.5
                          25.3
                                24.8
                                      23.8
                                             21.6
                                                   19.1
                                                          18.1
                                                                 17.3
                                                                       16.6
                                                                             16.2
                                                                                    16.0
             16.4
                                15.9
                                                    17.4
   [91105]
                   16.3
                          16.1
                                      16.1
                                             16.5
                                                          18.3
                                                                 18.6
                                                                       20.5
                                                                              22.2
                                                                                    23.3
             24.5
                   24.5
                                24.0
                                                          17.6
                                                                       17.6
##
   [91117]
                          24.5
                                      22.7
                                             21.3
                                                   19.0
                                                                 17.8
                                                                              17.7
                                                                                    16.4
                                      17.5
                                                    21.7
                                                          22.9
                                                                 22.5
                                                                       22.5
  [91129]
             15.5
                   15.1
                          14.7
                                14.4
                                             20.0
                                                                              19.2
                                                                                    21.7
                                                          20.4
  [91141]
             20.3
                   19.7
                          19.7
                                19.9
                                      21.4
                                             19.6
                                                    19.7
                                                                 18.5
                                                                       17.3
                                                                              16.6
                                                                                    16.3
                                                          24.5
                                                                 26.4
##
   [91153]
             16.0
                   15.6
                          15.8
                                15.1
                                      17.1
                                             19.7
                                                    22.1
                                                                       27.9
                                                                              28.8
                                                                                    28.7
                   25.5
                          26.1
                                25.1
                                      23.8
                                             22.0
                                                    20.0
                                                          19.0
                                                                 18.2
                                                                       18.8
                                                                              18.4
                                                                                    17.8
  [91165]
             27.4
                   16.5
  [91177]
             17.2
                          15.8
                                15.9
                                      17.8
                                             19.6
                                                    21.6
                                                          22.4
                                                                 21.9
                                                                       20.0
                                                                              20.7
                                                                                    22.9
                                      21.4
                                                          17.3
## [91189]
             21.5
                   21.3
                          22.0
                                21.5
                                             20.2
                                                    18.0
                                                                 16.9
                                                                       16.1
                                                                              15.4
                                                                                    15.1
## [91201]
             14.8
                   14.6
                          14.7
                                14.1
                                      16.2
                                             18.2
                                                   20.1
                                                          21.9
                                                                 23.4
                                                                       24.4
                                                                              25.3
                                                                                    25.4
                                      22.2
## [91213]
             25.0
                   24.6
                          24.3
                                23.5
                                             20.4
                                                   18.5
                                                          18.0
                                                                 18.1
                                                                       17.2
                                                                             16.5
## [91225]
             15.5
                   15.1
                          14.5
                                14.4
                                      16.9
                                             19.1
                                                   21.0
                                                          18.6
                                                                 22.7
                                                                       24.6
                                                                              24.8
                                                                                    22.9
                                      22.1
## [91237]
             25.3
                   25.2
                         24.6
                               23.4
                                             19.9
                                                    18.1 17.6 17.4 17.0 16.6
                                                                                   16.5
```

```
## [91249]
            17.1
                   15.8
                        15.6
                              15.9
                                      17.9
                                           20.3 22.1
                                                         23.5 24.5
                                                                      26.0
                                                                            26.5
## [91261]
            25.8
                   25.7
                         25.2
                               24.2
                                      23.0
                                            21.2
                                                  18.8
                                                         17.1
                                                                15.8
                                                                      15.4
                                                                            14.7
                                                                                   14.1
                                                   19.5
## [91273]
            13.6
                   13.2
                         12.7
                                12.3
                                      14.6
                                            17.2
                                                         21.7
                                                                23.2
                                                                      24.3
                                                                            25.2
                                                                                   25.7
## [91285]
                                            21.0
                                                   17.4
                                                                16.7
            25.0
                   24.9
                         24.6
                                23.9
                                      22.9
                                                         17.0
                                                                      16.4
                                                                            16.4
                                                                                   16.2
## [91297]
            16.0
                   15.5
                         15.3
                                15.1
                                      17.1
                                            20.6
                                                   23.2
                                                         24.6
                                                                26.0
                                                                      27.3
                                                                             28.3
                                                                                   28.9
## [91309]
            28.3
                   28.7
                         28.0
                                26.9
                                      25.7
                                            23.4
                                                   19.9
                                                         19.2
                                                                18.6
                                                                      18.0
                                                                            17.2
                                                                                   16.6
                                15.5
                                      17.8
                                            19.2
                                                   20.3
                                                         21.8
                                                                23.6
                                                                            26.2
  [91321]
            16.0
                   15.6
                         15.4
                                                                      25.1
                   25.5
                         25.0
                                      22.4
                                            20.4
                                                   18.0
                                                         16.7
                                                                15.9
##
  [91333]
            26.0
                                23.9
                                                                      15.3
                                                                            14.6
                                                                                   14.3
##
   [91345]
            14.0
                   13.7
                         13.3
                                13.3
                                      15.5
                                            16.8
                                                   18.0
                                                         19.2
                                                                20.6
                                                                      21.7
                                                                            22.8
                                                                                   23.8
                   26.8
                                                         19.4
                                                                            16.9
##
   [91357]
            26.4
                         26.9
                                26.6
                                      26.0
                                            24.1
                                                   21.3
                                                                18.2
                                                                      17.6
                                                                                   16.7
   [91369]
            16.6
                   16.4
                         16.6
                                16.9
                                      19.1
                                            22.4
                                                   25.0
                                                         27.2
                                                                28.8
                                                                      29.6
                                                                            30.1
                                      27.0
                                                   22.0
  [91381]
            30.5
                   30.7
                         30.3
                                28.9
                                            24.8
                                                         21.3
                                                                21.1
                                                                      20.5
                                                                            20.1
                                                                                   19.7
##
   [91393]
            19.4
                   19.1
                         19.0
                                19.9
                                      20.3
                                            21.0
                                                   20.6
                                                         23.2
                                                                25.3
                                                                      27.9
                                                                            30.0
                                                                                   30.6
            30.7
                   29.6
                         29.3
                                28.7
                                      28.2
                                            26.6
                                                         22.6
                                                                21.5
                                                                      21.2
                                                                            20.9
##
  [91405]
                                                   23.8
                                                                                   20.7
  [91417]
            21.0
                   20.5
                         20.2
                                20.0
                                      22.3
                                            25.4
                                                   27.6
                                                         28.6
                                                                29.5
                                                                      30.9
                                                                            31.0
                                                                                   32.3
   [91429]
            31.9
                   30.9
                         29.8
                                29.3
                                      28.2
                                            26.6
                                                   23.6
                                                         22.1
                                                                22.2
                                                                      22.4
                                                                             22.0
                                                                                   21.3
   [91441]
            19.8
                                18.5
                                      21.2
                                            23.7
                                                   25.5
                                                         27.0
                                                                28.0
                                                                      28.9
                                                                            29.7
                                                                                   30.2
##
                   18.6
                         18.6
  [91453]
            30.9
                   31.0
                         30.4
                                28.9
                                      27.4
                                            25.9
                                                   23.3
                                                         22.4
                                                                21.8
                                                                      20.9
                                                                            20.1
                                                                                   19.3
## [91465]
            18.6
                   17.8
                         17.5
                                17.5
                                      20.1
                                            22.1
                                                   23.7
                                                         25.2
                                                                26.4
                                                                      27.5
                                                                            28.5
                                                                                   29.2
## [91477]
            30.0
                   30.1
                         29.7
                                28.9
                                      27.5
                                            25.1
                                                   22.1
                                                         20.9
                                                                20.0
                                                                      19.2
                                                                            18.4
                                                                                   18.0
                   17.4
                                      19.5
## [91489]
            17.7
                         17.1
                                17.3
                                            22.0
                                                   24.2
                                                         25.8
                                                                27.3
                                                                      28.6
                                                                            30.2
                                                                                   31.3
## [91501]
            33.4
                   33.0
                         32.6
                                31.8
                                      30.6
                                            28.9
                                                   25.7
                                                         23.8
                                                                23.2
                                                                      22.3
                                                                            21.5
                                                   22.6
  [91513]
            20.7
                   19.6
                         18.4
                                17.3
                                      20.0
                                            21.3
                                                         23.8
                                                                24.7
                                                                      26.3
                                                                            28.1
                                                                                   27.8
##
   [91525]
            29.3
                   29.0
                         28.0
                                26.7
                                      25.3
                                            23.5
                                                   21.4
                                                         20.4
                                                                20.0
                                                                      19.8
                                                                            19.3
##
                                                                                   19.6
                                                                      27.9
                   18.5
                                            21.2
                                                   23.4
                                                         25.3
                                                                27.0
                                                                            28.1
                                                                                   28.3
##
  [91537]
            18.8
                         17.7
                                17.3
                                      19.1
   [91549]
            28.2
                   28.1
                         27.5
                                26.5
                                      25.0
                                            23.1
                                                   21.0
                                                         20.0
                                                                19.2
                                                                      18.3
                                                                            17.5
                                                                                   16.9
   [91561]
            16.3
                   16.1
                         16.0
                                16.1
                                      18.7
                                            20.5
                                                   22.1
                                                         23.4
                                                                24.6
                                                                      25.9
                                                                            27.1
                                                                                   28.3
##
   [91573]
                   29.0
                                      27.1
                                            25.2
                                                   21.4
                                                         19.8
                                                                18.7
                                                                            17.3
##
            28.9
                         28.7
                                28.1
                                                                      18.0
                                                                                   16.8
                                      18.9
                                                         26.3
                                                                27.8
                                                                            30.0
   [91585]
            16.1
                   15.7
                         15.6
                                16.0
                                            22.4
                                                   24.6
                                                                      29.0
                                                                                   30.8
##
   [91597]
            30.7
                   30.9
                         30.8
                                30.3
                                      29.2
                                            26.1
                                                   21.7
                                                         20.3
                                                                19.0
                                                                      18.3
                                                                            18.0
                                                                                   17.5
##
   [91609]
            17.1
                   16.8
                         16.6
                                16.6
                                      19.7
                                            23.3
                                                   25.8
                                                         28.0
                                                                29.5
                                                                      30.6
                                                                            31.6
                                                                                   32.0
##
   [91621]
            32.3
                   32.7
                         32.8
                                31.7
                                      30.0
                                            27.7
                                                   24.4
                                                         23.1
                                                                22.3
                                                                      21.8
                                                                            21.2
                                                                                   19.6
                                                   22.6
                                                         25.2
   [91633]
            18.5
                   18.0
                         17.6
                                17.5
                                      20.4
                                            21.7
                                                                27.5
                                                                      29.2
                                                                            30.5
                                                                                   31.2
   [91645]
                   31.0
                         30.3
                                29.0
                                      27.3
                                            25.3
                                                   23.2
                                                         23.0
                                                                21.9
                                                                      22.4
                                                                            21.1
            31.6
                                                                                   21.1
                                                         25.7
   [91657]
            20.8
                   20.4
                         20.4
                                20.4
                                      21.9
                                            23.0
                                                   23.3
                                                                26.1
                                                                      24.2
                                                                            22.5
                                                                                   24.7
  [91669]
            24.0
                   22.3
                         22.0
                               21.7
                                      21.7
                                            21.9
                                                   21.0
                                                         20.5
                                                                19.3
                                                                      18.8
                                                                            18.3
                                                                                   18.2
##
  [91681]
            18.2
                   18.0
                         17.7
                                17.3
                                      19.5
                                            21.1
                                                   21.6
                                                         22.3
                                                                22.6
                                                                      22.4
                                                                            23.1
                                                                                   23.4
  [91693]
            27.9
                   26.7
                         27.1
                                25.5
                                      24.8
                                            24.4
                                                   22.4
                                                         21.4
                                                                20.4
                                                                      20.0
                                                                            19.6
                                                                                   19.3
   [91705]
            19.0
                   19.7
                         19.7
                                19.5
                                      20.5
                                            21.8
                                                   24.2
                                                         26.2
                                                                25.2
                                                                      25.4
                                                                            25.4
                                                                                   27.1
                                                   24.7
                                                         24.3
                                                                23.3
  [91717]
            29.4
                   27.8
                         27.4
                                28.0
                                      27.4
                                            26.2
                                                                      22.5
                                                                            20.8
                                                                                   19.7
##
                                                         24.9
   [91729]
                   18.4
                         18.0
                                18.3
                                      20.7
                                            22.6
                                                   23.9
                                                                25.8
                                                                      26.6
            18.8
                                                                            27.6
  [91741]
            28.2
                   28.0
                         27.6
                                27.0
                                      26.1
                                            24.9
                                                   22.8
                                                         21.5
                                                                20.7
                                                                      20.0
                                                                            19.1
                                                                                   18.4
                                17.8
                                      20.2
                                            22.2
                                                   23.8
                                                         25.3
                                                                26.4
                                                                            27.9
   [91753]
            18.0
                   17.9
                         17.8
                                                                      27.2
                                                                                   28.1
                   29.0
                         28.4
                                27.5
                                      26.6
                                            25.2
                                                   23.2
                                                         22.2
                                                                21.3
                                                                      20.2
                                                                            19.7
##
   [91765]
            29.3
                                                                                   19.4
                                      20.8
                                            23.2
                                                         25.6
                                                                26.7
   [91777]
            18.7
                   18.0
                         17.5
                                17.6
                                                   24.5
                                                                      27.6
                                                                            29.2
                                                                                   28.7
                   25.8
                         27.2
                                27.3
                                      27.0
                                                   24.6
                                                         22.8
                                                                22.3
                                                                      22.5
   [91789]
            24.2
                                            26.3
                                                                            22.7
                                                                                   22.3
##
                                                   27.1
##
   [91801]
            21.9
                   21.3
                         20.5
                                20.4
                                      22.6
                                            25.0
                                                         28.6
                                                                29.5
                                                                      30.0
                                                                            30.4
                                                                                   30.5
   [91813]
                         29.3
                                28.3
                                      26.9
                                            25.3
                                                   22.7
                                                         21.6
                                                                21.0
                                                                      20.5
                                                                            20.1
                                                                                   19.5
            30.4
                   29.9
  [91825]
            19.3
                   19.1
                         18.9
                                19.4
                                      21.7
                                            25.1
                                                   27.1
                                                         28.2
                                                                29.1
                                                                      30.3
                                                                            31.2
                                                                                   29.1
                                27.7
                                      26.3
                                                         21.3
## [91837]
            29.0
                   29.0
                         28.7
                                            24.3
                                                   22.1
                                                                20.6
                                                                      20.0
                                                                            19.5
                                                                                   19.0
## [91849]
            18.6
                   18.2
                         18.1
                                18.9
                                      19.8
                                            21.2
                                                   22.2
                                                         24.2
                                                                24.8
                                                                      25.3
                                                                            23.9
                                                                                   24.6
                                      22.8
## [91861]
            23.3
                   23.2
                         23.4
                                23.4
                                            21.8
                                                  20.3
                                                         19.9
                                                                19.5
                                                                      18.9
                                                                            18.3
                                                                                   17.9
## [91873]
            17.5
                   17.0
                         16.5
                               16.2
                                      18.7
                                            21.0
                                                   22.7
                                                         23.6
                                                                24.1
                                                                      24.9
                                                                            25.7
                                                                                   26.1
                                            22.3
## [91885]
            26.2
                   26.1
                         25.6
                              24.7
                                      23.7
                                                  20.9
                                                         20.4 20.0 19.6 19.2
                                                                                  19.1
```

```
## [91897]
            19.8
                  19.8 19.9
                               20.0
                                     21.0 21.6 21.6
                                                        22.8 24.2 22.3
## [91909]
            25.8
                  26.3
                         26.5
                               26.1
                                     24.8
                                           23.2 22.1
                                                        21.3
                                                              20.5
                                                                     20.3
                                                                           20.3
                                                                                 19.9
                                                        21.7
## [91921]
            20.0
                  19.7
                         19.6
                               19.6
                                     20.1
                                           20.5
                                                 21.4
                                                               22.1
                                                                     22.4
                                                                           22.9
                                           23.7
                                                               20.7
## [91933]
            25.2
                  24.8
                         24.8
                               24.5
                                     24.6
                                                  21.7
                                                        21.5
                                                                     19.9
                                                                           19.3
                                                                                 19.0
## [91945]
            18.9
                  18.5
                         18.0
                               17.8
                                     19.9
                                            19.5
                                                  19.4
                                                        20.7
                                                               20.7
                                                                     21.4
                                                                           21.9
                                                                                  22.7
## [91957]
            25.1
                  24.9
                         24.4
                               23.1
                                     21.3
                                           20.8
                                                  19.2
                                                        18.8
                                                               18.2
                                                                     17.7
                                                                           17.6
                                                                                 17.6
                         18.4
                               18.7
                                     18.5
                                           18.5
                                                  20.2
                                                        21.1
                                                               22.6
                                                                     21.9
                                                                           22.4
  Г919691
            17.5
                  18.1
                  25.6
                         25.2
                                     23.9
                                           22.8
                                                  20.9
                                                        20.3
                                                               19.6
                                                                     19.4
                                                                           19.0
## [91981]
            25.6
                               24.5
                                                                                 18.4
                                                        24.1
##
   [91993]
            17.7
                  18.2
                         18.6
                               17.9
                                     19.8
                                            22.3
                                                  24.2
                                                               23.2
                                                                     26.7
                                                                           27.3
                                                                                 27.4
                                     25.7
                                                  22.2
                                                        21.2
                                                               20.4
##
   [92005]
            28.1
                  27.5
                         27.1
                               26.4
                                            24.3
                                                                     19.9
                                                                           19.6
                                                                                 19.3
  [92017]
            19.2
                  19.3
                         19.3
                               19.2
                                     22.1
                                            23.7
                                                  25.3
                                                        26.8
                                                               27.9
                                                                     29.0
                                                                           29.8
                                     29.8
                                                  25.5
                                                               22.9
                                                                                 20.6
  [92029]
            30.6
                  31.0
                         31.0
                               30.7
                                            28.1
                                                        24.2
                                                                     21.5
                                                                           20.9
                                                        27.5
##
  [92041]
            19.7
                  18.9
                         18.5
                               18.2
                                     20.8
                                            23.5
                                                  25.6
                                                               29.2
                                                                     30.5
                                                                           31.3
                                                                                 32.0
                  31.9
                               30.9
                                     29.8
                                            27.9
                                                        23.0
                                                               22.3
                                                                     21.5
## [92053]
            31.8
                         31.7
                                                  24.3
                                                                           21.0
                                                                                 20.4
  [92065]
            19.8
                  19.3
                         19.0
                               19.0
                                     21.8
                                            25.0
                                                  27.3
                                                        29.3
                                                               30.7
                                                                     32.0
                                                                           33.0
                                                                                 33.5
   [92077]
            34.0
                  34.0
                         33.7
                               32.9
                                     31.7
                                            29.5
                                                  25.4
                                                        24.2
                                                               23.5
                                                                     23.0
                                                                           22.5
                                                                                 21.9
  [92089]
            21.4
                  20.9
                         20.8
                               20.7
                                     23.3
                                           25.9
                                                  27.9
                                                        29.6
                                                               30.8
                                                                     31.8
                                                                           32.5
##
                                                                                 32.7
## [92101]
            33.4
                  33.3
                         32.9
                               32.2
                                     31.1
                                           29.2
                                                  25.5
                                                        24.3
                                                               23.4
                                                                     22.8
                                                                           22.4
                                                                                 21.8
                                           25.1
## [92113]
                  20.5
                         20.4
                               20.2
                                     22.6
                                                  27.2
                                                        29.0
                                                               30.3
                                                                     31.3
                                                                           32.0
            21.1
                                                                                 32.4
## [92125]
            33.3
                  33.5
                         33.3
                               32.5
                                     30.7
                                            28.7
                                                  25.9
                                                        24.8
                                                               23.9
                                                                     23.0
                                                                           22.2
                                                                                 21.4
                                                                     31.7
## [92137]
            20.6
                  20.0
                         19.4
                               19.1
                                     22.0
                                            25.3
                                                  27.9
                                                        29.5
                                                               30.7
                                                                           32.6
                                                                                 33.2
## [92149]
            33.4
                  33.5
                         33.2
                               32.6
                                     31.5
                                            29.4
                                                  25.6
                                                        23.8
                                                               23.4
                                                                     22.6
                                                                           22.2
                                                                     30.4
## [92161]
            20.9
                  20.2
                         19.6
                               19.2
                                     22.0
                                           25.0
                                                  27.0
                                                        28.5
                                                               29.6
                                                                           31.1
                                                                                 31.6
## [92173]
            31.2
                  31.2
                         31.1
                               30.5
                                     29.4
                                            27.6
                                                  24.8
                                                        23.5
                                                               22.7
                                                                     22.0
                                                                           21.4
                                                                                 20.9
            20.3
                                     20.9
                                           23.1
                                                  24.7
                                                        26.1
                                                               27.3
                                                                     28.2
                                                                           29.0
## [92185]
                  19.6
                        19.1
                               18.6
                                                                                 29.8
                                                        23.3
                                                               22.0
  [92197]
            29.9
                  30.0
                         29.8
                               29.4
                                     28.6
                                           27.3
                                                  24.7
                                                                     21.5
                                                                           21.3
                                                                                 20.5
## [92209]
            20.1
                  19.6
                         19.2
                               18.7
                                     21.1
                                            23.4
                                                  25.0
                                                        26.7
                                                               27.6
                                                                     28.5
                                                                           29.0
                                                                                 29.7
                                     28.6
                                            27.3
                                                  24.9
                                                        23.8
                                                               22.0
## [92221]
            30.1
                  30.0
                         29.8
                               29.4
                                                                     21.4
                                                                           21.4
                                                                                 20.8
                                                        26.4
                                                               27.5
                                                                           27.0
                                                                                 28.8
## [92233]
            20.1
                  19.8
                        19.6
                               19.5
                                     21.8
                                           23.4
                                                  25.0
                                                                     26.7
  [92245]
            30.1
                  30.1
                         29.9
                               29.4
                                     28.6
                                            26.8
                                                  23.0
                                                        21.9
                                                               22.1
                                                                     22.2
                                                                           22.1
                                                                                 21.8
                                     21.9
## [92257]
            20.9
                  20.5
                         20.2
                               19.6
                                            24.1
                                                  25.5
                                                        26.6
                                                               27.2
                                                                     28.2
                                                                           29.3
                                                                                 30.1
##
   [92269]
            31.0
                  31.3
                         31.3
                               30.7
                                     29.8
                                            28.1
                                                  25.4
                                                        23.9
                                                               22.8
                                                                     22.3
                                                                           21.7
                                                                                  21.2
                                                        27.9
                                                               29.3
  [92281]
            20.7
                  20.5
                         20.3
                               19.9
                                     22.1
                                            24.2
                                                  26.2
                                                                     30.5
                                                                           31.5
                                                                                 32.1
                                                  25.5
## [92293]
            32.3
                  32.5
                         32.0
                               31.2
                                     30.0
                                            28.2
                                                        24.3
                                                               23.2
                                                                     22.4
                                                                           21.9
                                                                                 21.4
                                                        29.7
## [92305]
            21.0
                  20.6
                         20.3
                               20.0
                                     22.6
                                            25.5
                                                  27.9
                                                               31.2
                                                                     32.3
                                                                           33.1
                                                                                  33.6
## [92317]
            33.5
                  33.1
                         32.0
                               31.2
                                     30.5
                                           29.6
                                                  27.4
                                                        25.5
                                                               24.4
                                                                     24.3
                                                                           23.7
                                                                                 23.4
## [92329]
            22.8
                  22.5
                         22.3
                               21.3
                                     23.8
                                            25.9
                                                  27.5
                                                        29.6
                                                               31.1
                                                                     32.1
                                                                           32.9
## [92341]
            33.0
                  32.3
                         31.1
                               30.6
                                     29.6
                                           28.4
                                                  25.5
                                                        24.2
                                                              24.0
                                                                     23.1
                                                                           22.4
                                                                                 22.1
   [92353]
            22.2
                  22.0
                         21.9
                               20.6
                                     22.3
                                            25.3
                                                  26.9
                                                        28.4
                                                               29.9
                                                                     31.2
                                                                           31.9
                                                                                  32.4
                                                        24.1
                                                               23.8
  [92365]
            32.2
                  31.6
                        30.9
                               30.0
                                     28.9
                                           27.2
                                                  24.7
                                                                     23.2
                                                                           22.4
                                                                                 21.8
##
                  21.7
                         21.8
                               21.6
                                     22.9
                                            26.2
                                                  28.5
                                                        29.9
                                                               31.0
                                                                     31.8
  [92377]
            21.4
                                                                           32.5
## [92389]
            32.9
                  33.0
                         32.4
                               30.8
                                     29.4
                                           27.5
                                                  24.4
                                                        23.8
                                                               23.6
                                                                     23.1
                                                                           22.8
                                                                                 22.1
                                     23.2
                                            26.2
                                                  28.7
                                                        30.9
                                                               32.7
## [92401]
            21.7
                  21.4
                         21.3
                               21.1
                                                                     33.7
                                                                           34.1
                                                                                 34.0
                               31.8
                                     30.4
                                            28.6
                                                  25.1
                                                        24.2
                                                               24.1
                                                                     24.2
                                                                           23.9
## [92413]
            33.7
                  33.4
                         32.8
                                                                                 23.3
                                     22.9
                                                  25.5
                                                        27.2
                                                               28.5
                                                                     29.7
## [92425]
            23.1
                  23.7
                         22.7
                               22.5
                                            24.0
                                                                           28.7
                                                                                  30.3
                                            27.0
                                                  24.5
                                                        23.7
## [92437]
            32.5
                  32.3
                         30.5
                               29.4
                                     28.5
                                                               23.5
                                                                     23.5
                                                                           22.8
                                                                                 23.0
                                                        27.3
##
  [92449]
            23.0
                  22.0
                         21.4
                               21.2
                                     22.3
                                            24.7
                                                  26.2
                                                               28.4
                                                                     29.5
                                                                           30.0
                                                                                 30.0
                                     28.3
                                            26.8
                                                  24.0
                                                        23.3
                                                               23.2
                                                                     22.8
                                                                           22.7
                                                                                 22.7
## [92461]
            31.1
                  30.6
                         30.1
                               29.3
## [92473]
            21.9
                  21.2
                         20.9
                               20.9
                                     22.7
                                            25.7
                                                  27.2
                                                        28.8
                                                               30.0
                                                                     30.8
                                                                           31.5
                                                                                 30.1
                                     28.7
                                            27.2
                                                        24.1
                                                                           23.4
## [92485]
            31.4
                  30.8
                         30.3
                               29.6
                                                  24.7
                                                               23.8
                                                                     23.7
                                                                                 22.8
## [92497]
            22.2
                  22.1
                         22.3
                               22.3
                                     23.9
                                            25.9
                                                  28.4
                                                        30.3
                                                               31.7
                                                                     32.6
                                                                           33.4
                                                                                 33.8
## [92509]
            33.8
                  33.8
                         32.3
                               31.3
                                     30.1
                                           28.3
                                                  25.7
                                                        25.2
                                                               24.5
                                                                     24.4
                                                                           24.1
                                                                                 23.7
## [92521]
            23.0
                  22.5
                         22.4
                               22.4
                                     23.9
                                           26.1
                                                  28.4
                                                        30.7
                                                               32.6
                                                                     33.9
                                                                          34.8
                                                                                 35.6
## [92533]
            35.3
                  34.9 34.3 33.1 31.7
                                           29.4
                                                  26.5
                                                        25.7 24.9 24.2 24.0
                                                                                 24.5
```

```
## [92545]
            24.7
                   24.2
                         23.5
                                23.1
                                      24.7
                                            27.9
                                                   29.7
                                                          31.1
                                                                31.9
                                                                      32.6
                                                                             33.3
  [92557]
            35.1
                   34.6
                         33.8
                                32.6
                                      30.9
                                             29.0
                                                   25.4
                                                          24.5
                                                                25.0
                                                                       23.4
                                                                             22.8
                                                                                    23.0
  [92569]
            22.4
                   22.3
                         21.8
                                20.9
                                      20.6
                                             20.9
                                                   22.1
                                                          22.3
                                                                22.0
                                                                       23.4
                                                                             24.0
                         26.8
                                             25.1
                                                   23.6
                                                          23.2
                                                                22.8
                                                                       22.3
  [92581]
            27.1
                   27.2
                                26.8
                                      26.3
                                                                             21.9
                                                                                    20.9
   [92593]
            20.5
                   19.8
                         19.3
                                19.0
                                      20.8
                                             23.0
                                                   24.1
                                                          25.0
                                                                25.8
                                                                       26.8
                                                                             27.6
                                                                                    28.1
  [92605]
            29.9
                   29.5
                         30.2
                                29.5
                                      28.2
                                             26.4
                                                   24.4
                                                          24.2
                                                                23.5
                                                                       23.2
                                                                             23.5
##
                                                                                    23.6
                   22.0
                         20.9
                                20.2
                                      22.3
                                             25.1
                                                   26.9
                                                          28.1
                                                                27.7
                                                                       29.4
                                                                             30.0
   [92617]
            22.8
                   29.8
                         30.0
                                                   24.0
                                                          23.7
                                                                23.6
                                                                       23.4
##
  [92629]
            30.1
                                28.9
                                      28.3
                                             26.7
                                                                             23.4
                                                                                    23.1
##
   [92641]
            22.7
                   22.3
                         22.0
                                21.7
                                      22.6
                                             25.2
                                                   27.4
                                                          27.6
                                                                27.4
                                                                       26.9
                                                                             29.1
                                                                                    28.0
                                                   25.3
                                                          24.0
                                                                23.5
                                                                       23.2
                                                                             22.9
                                                                                    22.3
##
   [92653]
            29.7
                   28.7
                         29.4
                                28.3
                                      28.6
                                             27.5
   [92665]
            21.9
                   21.7
                         21.5
                                21.3
                                      22.4
                                             24.9
                                                   26.8
                                                          28.1
                                                                27.3
                                                                       29.3
                                                                             28.3
                                                                                    30.3
                                             27.0
   [92677]
                         30.9
                                30.2
                                      29.0
                                                   24.8
                                                          24.2
                                                                24.2
                                                                       23.9
                                                                             23.9
                                                                                    23.5
            31.3
                   31.3
                                                          27.9
##
   [92689]
            22.9
                   22.2
                         21.6
                                21.7
                                      23.0
                                             25.2
                                                   26.8
                                                                28.2
                                                                       28.8
                                                                             28.2
                                                                                    28.6
            30.8
                   30.5
                                30.8
                                      29.6
                                                   25.8
                                                          24.9
                                                                24.5
                                                                             23.5
##
   [92701]
                         31.4
                                             27.6
                                                                       24.1
                                                                                    22.8
  [92713]
            22.2
                   21.7
                         21.5
                                21.4
                                      22.9
                                             25.5
                                                   27.6
                                                          28.8
                                                                29.5
                                                                       30.2
                                                                             31.0
                                                                                    30.1
   [92725]
            32.0
                   32.1
                         31.8
                                31.0
                                      29.7
                                             28.1
                                                   26.3
                                                          25.5
                                                                25.0
                                                                       24.7
                                                                             24.1
                                                                                    23.3
            22.4
                   21.7
                                21.4
                                      23.1
                                             25.4
                                                   26.9
                                                          28.3
                                                                29.5
                                                                       30.5
                                                                             31.3
##
   [92737]
                         21.3
                                                                                    32.1
   [92749]
            31.3
                   31.4
                         31.0
                                30.4
                                      29.1
                                             27.7
                                                   25.9
                                                          25.1
                                                                24.4
                                                                       23.9
                                                                             23.3
                                                                                    22.8
  [92761]
            22.4
                   22.2
                         22.0
                                21.5
                                      22.8
                                             25.3
                                                   26.9
                                                          28.4
                                                                29.5
                                                                       30.6
                                                                             31.5
                                                                                    32.1
## [92773]
            32.8
                   33.2
                         33.2
                                32.4
                                      31.0
                                             29.0
                                                   27.0
                                                          26.5
                                                                25.8
                                                                       25.2
                                                                             24.4
                                                                                    23.6
## [92785]
            22.9
                   22.5
                         22.2
                                22.0
                                      23.3
                                             25.3
                                                   26.9
                                                          28.4
                                                                29.6
                                                                       30.8
                                                                             32.2
                                                                                    33.1
  [92797]
            32.6
                   32.2
                         31.7
                                31.1
                                      29.9
                                             27.9
                                                   26.2
                                                          25.4
                                                                24.6
                                                                       23.8
                                                                             22.9
                         20.4
  [92809]
            21.2
                   20.6
                                20.1
                                      21.4
                                             24.5
                                                   26.7
                                                          28.6
                                                                29.9
                                                                             32.1
##
                                                                       31.0
                                                                                    33.0
   Г92821<sub>1</sub>
            31.5
                         30.8
                                29.8
                                      28.7
                                             26.9
                                                   25.5
                                                          25.0
                                                                24.4
                                                                       23.6
                                                                             22.9
##
                   31.1
                                                                                    22.2
                         20.9
                                             24.7
                                                   26.1
                                                          27.9
                                                                28.9
                                                                       29.7
##
   [92833]
            21.4
                   21.0
                                20.7
                                      22.1
                                                                             30.4
                                                                                    30.9
                                                   25.2
                                                          24.7
   [92845]
            31.1
                   30.9
                         30.4
                                29.6
                                      28.4
                                             26.6
                                                                24.1
                                                                       23.5
                                                                             22.9
                                                                                    22.3
   [92857]
            21.8
                   21.3
                         21.0
                                20.7
                                      21.9
                                             24.6
                                                   26.8
                                                          28.2
                                                                29.0
                                                                       29.9
                                                                             30.4
                                                                                    30.8
##
                                      28.7
                                             27.0
                                                   25.4
                                                          24.7
                                                                23.9
##
   [92869]
            29.7
                   31.1
                         30.6
                                29.9
                                                                       23.0
                                                                             22.1
                                                                                    21.2
                                                          27.9
                                                                29.1
   [92881]
            20.3
                   19.7
                         19.4
                                19.2
                                      20.3
                                             23.6
                                                   26.2
                                                                       30.3
                                                                             31.1
##
                                                                                    31.6
   [92893]
            32.2
                   32.0
                         31.6
                                30.7
                                      29.5
                                             27.5
                                                   25.6
                                                          24.4
                                                                23.4
                                                                       22.6
                                                                             21.8
                                                                                    21.1
##
   [92905]
            20.7
                   20.4
                         20.0
                                19.6
                                      21.0
                                             24.2
                                                   26.7
                                                          28.2
                                                                29.5
                                                                       30.7
                                                                             31.4
                                                                                    32.0
##
   [92917]
            32.6
                   32.5
                         32.3
                                31.5
                                      30.4
                                             28.5
                                                   25.7
                                                          24.2
                                                                23.1
                                                                       22.4
                                                                             22.1
                                                                                    21.5
                                                          27.7
   [92929]
            20.8
                   20.4
                         20.0
                                19.7
                                      21.0
                                             24.2
                                                   26.2
                                                                29.1
                                                                       30.0
                                                                             31.0
                                                                                    31.7
                                                          24.8
  [92941]
                   31.7
                         31.2
                                30.3
                                      28.9
                                             26.8
                                                   25.5
                                                                24.2
                                                                       23.5
                                                                             22.9
                                                                                    22.4
            31.8
                                                          27.5
   [92953]
            22.1
                   21.7
                         21.3
                                21.0
                                      21.8
                                             24.1
                                                   26.0
                                                                28.4
                                                                       29.1
                                                                             29.9
                                                                                    30.5
  [92965]
            31.3
                   31.2
                         30.5
                                29.4
                                      28.0
                                             26.0
                                                   24.7
                                                          24.0
                                                                23.3
                                                                       22.7
                                                                             22.2
##
                                                                                    21.7
  [92977]
            21.2
                   20.7
                         20.4
                                20.2
                                      20.9
                                             23.3
                                                   25.2
                                                          25.9
                                                                26.8
                                                                       28.1
                                                                             29.0
                                                                                    29.6
   [92989]
            30.1
                   29.9
                         29.5
                                28.6
                                      27.1
                                             25.0
                                                   23.8
                                                          23.3
                                                                22.8
                                                                       22.4
                                                                             21.9
                                                                                    21.4
##
   [93001]
            20.8
                   20.3
                         20.0
                                19.7
                                      20.3
                                             22.6
                                                   24.8
                                                          26.3
                                                                27.1
                                                                       27.5
                                                                             28.1
                                                                                    28.7
##
                                                   23.2
                                                          22.7
   [93013]
            29.2
                   28.9
                         28.5
                                27.6
                                      26.3
                                            24.4
                                                                21.9
                                                                       21.1
                                                                             20.3
                                                                                    19.6
##
   [93025]
                         18.5
                                18.4
                                      19.5
                                             22.3
                                                   24.6
                                                          25.8
                                                                26.7
                                                                       27.3
            19.5
                   19.0
                                                                             28.0
   [93037]
            28.6
                   28.8
                         28.6
                                28.0
                                      26.7
                                             24.7
                                                   23.1
                                                          22.4
                                                                21.6
                                                                       20.8
                                                                             20.1
                                                                                    19.1
                                                   23.6
                                                          24.8
   [93049]
            18.2
                   17.7
                         17.5
                                17.4
                                      18.2
                                             21.5
                                                                25.6
                                                                       26.2
                                                                             27.1
                                                                                    27.8
                         28.3
                                27.5
                                             24.2
                                                          22.0
                                                                       20.5
                                                                             19.6
##
   [93061]
            28.8
                   28.7
                                      26.3
                                                   22.7
                                                                21.3
                                                                                    18.8
                                                   23.9
                                                          25.2
                                                                26.3
                                                                       27.4
   [93073]
            18.2
                   17.9
                         17.7
                                17.6
                                      18.3
                                             21.6
                                                                             28.8
                                      27.8
                                                          22.8
                                                                22.0
   [93085]
            30.6
                   30.6
                         30.2
                                29.3
                                             25.4
                                                   23.8
                                                                       21.4
                                                                             20.5
                                                                                    19.7
##
##
   [93097]
            19.7
                   19.6
                         19.5
                                19.5
                                      20.1
                                             22.6
                                                   24.8
                                                          26.6
                                                                27.8
                                                                       29.2
                                                                             29.8
                                                                                    30.6
   [93109]
                                      28.7
                                                   24.5
                                                          23.4
                                                                22.2
                                                                       21.3
                                                                             21.2
                                                                                    20.4
##
            31.5
                   31.5
                         31.1
                                30.2
                                             26.4
   [93121]
            19.7
                   19.3
                         19.0
                                18.7
                                      19.6
                                             22.9
                                                   25.5
                                                          27.4
                                                                28.7
                                                                       29.9
                                                                             30.7
                                                                                    31.3
                                             27.8
                                                          24.2
                                                                22.6
  [93133]
            32.8
                   32.9
                         32.4
                                31.5
                                      30.3
                                                   25.7
                                                                       21.8
                                                                             21.4
                                                                                    20.9
            20.1
                   19.6
                         19.5
                                19.1
                                      19.8
                                             22.8
                                                   24.5
                                                          26.4
                                                                28.2
                                                                       29.7
                                                                             31.1
## [93145]
                                                                                    32.3
## [93157]
            33.2
                   33.2
                         32.6
                                31.6
                                      30.4
                                            27.9
                                                   25.7
                                                          24.1
                                                                23.1
                                                                       23.9
                                                                             23.6
                                                                                    21.3
## [93169]
            20.5
                   20.0
                         19.6
                                19.4
                                      20.7
                                             24.1
                                                   26.8
                                                          29.3
                                                                31.4
                                                                       33.3
                                                                             34.6
                                                                                    35.5
                                            27.5
## [93181]
            33.5
                   33.1
                         32.7
                               31.7
                                      30.0
                                                   25.9
                                                          25.0 23.9 22.8 22.2
                                                                                   21.5
```

```
## [93193]
             20.7
                   20.3
                         20.1
                                19.9
                                      20.5
                                            23.7
                                                   26.7
                                                          29.3
                                                                30.6
                                                                       31.7
                                                                             32.6
   [93205]
            32.7
                   32.6
                         32.0
                                30.9
                                      29.1
                                             26.6
                                                   25.3
                                                          24.6
                                                                23.8
                                                                       23.0
                                                                             22.2
                                                                                    21.6
   [93217]
                                                   25.0
            21.0
                   20.4
                         20.0
                                20.0
                                      20.4
                                             22.9
                                                          26.8
                                                                27.5
                                                                       28.7
                                                                             29.6
                                                   23.7
                                                                22.4
   [93229]
            30.5
                   30.4
                         29.7
                                28.6
                                      27.0
                                             24.8
                                                          23.1
                                                                       21.5
                                                                             20.5
                                                                                    19.9
   [93241]
             19.6
                   19.2
                         18.8
                                18.4
                                      18.8
                                             21.6
                                                   24.0
                                                          25.5
                                                                 26.7
                                                                       27.7
                                                                              28.7
                                                                                    29.3
   [93253]
            30.4
                   30.6
                         30.3
                                29.4
                                      28.0
                                             25.6
                                                   24.2
                                                          23.3
                                                                22.5
                                                                       21.6
                                                                             20.7
                                                                                    19.8
##
                                18.6
                                      18.9
                                             21.6
                                                   23.7
                                                          25.6
                                                                26.8
                                                                       28.0
                                                                             28.9
   [93265]
             19.3
                   19.0
                         18.8
                         29.9
                                      27.3
                                             25.0
                                                   23.9
                                                          23.2
                                                                22.7
                                                                       22.0
##
   [93277]
             30.5
                   30.4
                                28.9
                                                                             21.4
                                                                                    20.8
                                                   24.3
##
   [93289]
             19.9
                   19.1
                         18.6
                                18.4
                                      18.8
                                             21.7
                                                          26.5
                                                                27.8
                                                                       29.2
                                                                             30.3
                                                                                    31.0
                                29.3
                                             25.4
                                                   24.6
                                                          24.1
                                                                23.4
                                                                       22.6
##
   [93301]
             31.0
                   31.0
                         30.4
                                      27.6
                                                                             21.9
                                                                                    21.2
                                             22.7
   [93313]
             20.8
                   21.1
                         21.3
                                20.4
                                      20.5
                                                    24.7
                                                          26.7
                                                                 28.5
                                                                       30.2
                                                                             30.3
                                                                                    30.9
                                      28.2
                                                          23.4
                                                                22.7
   [93325]
                   31.5
                                29.9
                                             25.6
                                                   24.2
                                                                       22.1
                                                                             21.5
                                                                                    21.0
##
             31.6
                         31.0
##
   [93337]
             20.7
                   20.4
                         20.1
                                19.8
                                      19.9
                                             22.6
                                                   24.4
                                                          25.9
                                                                 27.3
                                                                       28.8
                                                                             30.3
                                                                                    31.4
                   32.3
                                31.4
                                      29.8
                                             26.6
                                                   24.9
                                                          23.6
                                                                22.5
                                                                       21.9
                                                                             21.2
##
   [93349]
             32.0
                         32.1
                                                                                    20.5
   [93361]
            20.0
                   19.6
                         19.5
                                19.3
                                      19.3
                                             22.7
                                                    25.2
                                                          27.4
                                                                 29.3
                                                                       30.8
                                                                             32.1
                                                                                    33.1
   [93373]
             33.7
                   33.8
                         32.9
                                31.0
                                      28.9
                                             25.8
                                                   24.8
                                                          24.4
                                                                 23.6
                                                                       22.9
                                                                             21.9
                                                                                    21.3
   [93385]
             21.0
                   20.5
                         20.0
                                19.6
                                      20.0
                                             22.9
                                                   25.5
                                                          27.1
                                                                28.2
                                                                       29.3
                                                                             30.3
##
                                                                                    31.0
   [93397]
             31.3
                   31.2
                          30.9
                                30.1
                                      28.8
                                             26.3
                                                   25.1
                                                          24.1
                                                                23.1
                                                                       22.3
                                                                             21.2
                                                                                    20.5
                                                                             30.1
   [93409]
            20.4
                   21.5
                         21.4
                                20.9
                                      21.1
                                             22.7
                                                   24.9
                                                          26.7
                                                                26.3
                                                                       27.8
                                                                                    30.5
   [93421]
             29.6
                   30.8
                         30.4
                                29.2
                                      27.7
                                             25.3
                                                   23.9
                                                          22.7
                                                                22.8
                                                                       22.4
                                                                             21.8
                                                                                    21.0
                   20.8
                         20.1
##
   [93433]
            21.7
                                20.2
                                      20.4
                                             23.9
                                                   25.9
                                                          28.0
                                                                30.2
                                                                       32.0
                                                                             32.9
                                                                                    32.7
   [93445]
            31.4
                   31.4
                         30.9
                                29.8
                                      28.2
                                             25.7
                                                    24.6
                                                          23.7
                                                                 22.4
                                                                       20.8
                                                                             20.1
            20.5
   [93457]
                   20.3
                         19.6
                                18.8
                                      18.7
                                             23.6
                                                   27.0
                                                          28.6
                                                                30.1
                                                                       31.5
                                                                             32.5
##
                                                                                    33.3
   [93469]
             32.1
                   32.0
                         31.8
                                30.9
                                      29.2
                                             26.5
                                                   24.9
                                                          23.2
                                                                22.3
                                                                       21.5
                                                                             20.7
##
                                                                                    20.5
            20.1
                                             21.7
                                                   23.6
                                                          25.3
                                                                26.9
                                                                       28.6
##
   [93481]
                   19.7
                         19.7
                                20.3
                                      19.7
                                                                             30.3
                                                                                    31.6
   [93493]
             31.8
                   31.8
                         31.5
                                30.4
                                      28.7
                                             26.1
                                                   25.0
                                                          24.1
                                                                 23.3
                                                                       22.6
                                                                             21.7
                                                                                    20.9
   [93505]
             20.3
                   19.7
                         19.5
                                19.2
                                      19.5
                                             22.9
                                                   25.2
                                                          26.8
                                                                28.2
                                                                       29.4
                                                                             30.8
                                                                                    31.9
##
                   33.3
                                      30.1
                                             27.5
                                                    26.1
                                                          25.2
                                                                 24.3
##
   [93517]
             33.4
                         32.8
                                31.8
                                                                       23.2
                                                                             22.1
                                                                                    21.3
             20.8
                                                   25.5
                                                          27.2
                                                                28.4
                                                                       29.9
                                                                             31.2
   [93529]
                   20.4
                         19.9
                                19.4
                                      19.5
                                             23.0
                                                                                    32.2
##
   [93541]
             33.6
                   33.4
                         32.8
                                31.6
                                      29.7
                                             27.1
                                                    25.9
                                                          24.8
                                                                 23.8
                                                                       22.8
                                                                             21.9
                                                                                    21.3
##
   [93553]
             21.0
                   21.7
                         21.9
                                21.6
                                      21.6
                                             23.2
                                                   24.6
                                                          26.0
                                                                27.0
                                                                       28.2
                                                                             29.5
                                                                                    30.5
##
   [93565]
             32.0
                   32.3
                         31.9
                                31.0
                                      29.5
                                             26.6
                                                   25.4
                                                          24.1
                                                                22.9
                                                                       22.0
                                                                             21.4
                                                                                    21.0
                                                          26.0
   [93577]
             20.7
                   20.8
                         20.7
                                20.6
                                      20.3
                                             22.3
                                                   24.2
                                                                27.8
                                                                       29.7
                                                                             31.3
                                                                                    32.5
                                                   23.9
   [93589]
             33.4
                   33.5
                         33.1
                                      28.8
                                             25.0
                                                          23.6
                                                                23.3
                                                                       23.0
                                                                             22.5
                                                                                    22.0
                                31.6
                                                          27.9
   [93601]
             21.5
                   21.3
                         21.2
                                20.6
                                      20.3
                                             23.1
                                                   25.7
                                                                 28.8
                                                                       29.6
                                                                             30.5
                                                                                    29.8
   [93613]
            29.5
                   29.4
                         29.1
                                28.7
                                      28.4
                                             26.4
                                                   24.2
                                                          23.8
                                                                23.2
                                                                       22.5
                                                                             21.2
##
                                                                                    21.8
   [93625]
             21.7
                   21.5
                         19.4
                                19.1
                                      19.0
                                             21.9
                                                   23.7
                                                          25.1
                                                                26.4
                                                                       27.7
                                                                             28.4
   [93637]
             29.1
                   28.4
                         27.3
                                26.2
                                      24.6
                                             21.8
                                                   21.0
                                                          20.9
                                                                20.7
                                                                       20.4
                                                                             19.9
                                                                                    19.5
##
   [93649]
             19.2
                   19.1
                         19.0
                                18.9
                                      18.7
                                             21.4
                                                   24.0
                                                          26.6
                                                                28.3
                                                                       29.2
                                                                             29.9
                                                                                    30.3
##
   [93661]
             30.4
                   30.2
                         29.4
                                28.0
                                      26.1
                                             22.6
                                                   21.6
                                                          21.3
                                                                21.0
                                                                       20.5
                                                                             20.0
                                                                                    20.8
##
                   20.9
                         20.8
                                20.8
                                      20.7
                                             21.6
                                                   24.8
                                                          27.4
                                                                29.0
                                                                       28.0
   [93673]
             20.8
                                                                             29.0
   [93685]
            31.7
                   31.4
                         30.9
                                29.2
                                      27.0
                                             24.6
                                                   24.2
                                                          24.1
                                                                23.7
                                                                       23.5
                                                                             22.9
                                                                                    21.9
                                20.2
                                      19.8
                                                   25.4
                                                          27.1
                                                                28.7
   [93697]
             21.4
                   21.8
                         20.8
                                             23.0
                                                                       29.6
                                                                             30.3
                                                                                    30.6
             30.6
                   30.4
                         29.2
                                27.5
                                      25.5
                                             22.9
                                                   22.8
                                                          22.2
                                                                21.5
                                                                             20.8
##
   [93709]
                                                                       21.1
                                                                                    20.8
                                      19.9
                                                   23.1
                                                          24.7
                                                                 26.7
   [93721]
             20.2
                   20.1
                         19.9
                                19.8
                                             22.8
                                                                       27.1
                                                                             29.2
             27.1
                   27.2
                         27.2
                                             22.4
                                                          20.6
                                                                19.8
   [93733]
                                26.6
                                      25.0
                                                   21.8
                                                                       19.1
                                                                             18.8
                                                                                    19.0
##
                                                          25.8
                                                                27.1
##
   [93745]
             18.6
                   18.1
                         18.1
                                18.2
                                      18.4
                                             20.7
                                                   24.4
                                                                       28.3
                                                                             29.1
                                                                                    29.4
   [93757]
                   28.9
                         28.3
                                      24.9
                                             22.5
                                                   21.6
                                                          21.0
                                                                20.7
                                                                             20.4
                                                                                    19.7
##
             29.1
                                27.0
                                                                       20.7
            19.1
   [93769]
                   18.3
                         18.4
                                18.3
                                      16.8
                                             19.2
                                                   22.4
                                                          24.5
                                                                25.3
                                                                       26.3
                                                                             27.1
                                                                                    27.0
                                      22.1
   [93781]
             26.5
                   25.6
                         24.5
                                23.5
                                             20.7
                                                   20.3
                                                          19.7
                                                                 18.8
                                                                       18.0
                                                                             17.3
                                                                                    16.9
## [93793]
             16.9
                   16.8
                         16.9
                                17.7
                                      17.1
                                             19.4
                                                   21.6
                                                          23.6
                                                                22.3
                                                                       22.6
                                                                             21.9
                                                                                    22.3
                                      20.5
## [93805]
             22.7
                   22.5
                         22.3
                                21.5
                                             19.8
                                                   19.0
                                                          18.4
                                                                18.2
                                                                       18.1
                                                                             17.9
                                                                                    17.9
## [93817]
             17.4
                   17.4
                         17.2
                                17.2
                                      16.8
                                             18.8
                                                   22.1
                                                          23.9
                                                                25.1
                                                                       25.7
                                                                             26.7
                                                                                    27.5
                                      23.4
                                             21.2 20.6
## [93829]
             28.1
                   28.1
                         27.6
                               25.8
                                                          20.3 19.8 19.2 19.0
                                                                                   18.7
```

```
## [93841]
            18.5
                  18.2 18.1 17.8 17.5 20.5 22.4
                                                       25.2 27.1
                                                                    28.4
                                                                          29.1
  [93853]
            30.1
                  30.0
                        29.1
                              27.6
                                     25.3
                                           22.7
                                                 22.1
                                                       21.6
                                                              21.2
                                                                    20.9
                                                                          20.4
                                           21.2
                                                 25.2
                                                       27.1
  [93865]
            19.5
                  19.4
                        19.4
                              19.2
                                     19.4
                                                              28.3
                                                                    30.0
                                                                          31.1
                                           23.9
                                                 22.4
                                                              21.5
                                                                    20.9
  [93877]
            31.2
                  30.8
                        30.0
                               28.9
                                     26.3
                                                       21.6
                                                                          20.3
                                                                                19.7
  [93889]
            19.4
                  19.3
                        19.1
                               18.7
                                     18.6
                                           21.0
                                                 22.3
                                                       23.4
                                                              24.0
                                                                    24.8
                                                                          25.5
                                                                                25.7
  [93901]
            26.1
                  26.0
                        25.4
                               24.4
                                     22.7
                                           21.4
                                                 20.9
                                                       20.3
                                                              19.6
                                                                    19.0
                                                                          18.7
##
                                                                                18.4
                               16.7
                                     16.3
                                           18.4
                                                 20.7
                                                       22.2
                                                              23.4
  [93913]
            18.0
                  17.5
                        17.1
                                                                    24.0
                                                                          24.3
                  25.0
                        24.4
                                     21.6
                                           20.3
                                                 19.9
                                                       19.4
                                                              18.9
                                                                    18.3
  [93925]
            25.2
                               23.4
                                                                          17.8
                                                                                17.0
##
   [93937]
            16.4
                  16.2
                        16.0
                               15.8
                                     15.5
                                           17.4
                                                 19.7
                                                       21.3
                                                              22.8
                                                                    23.6
                                                                          24.1
                                                                                24.3
                  24.9
                                           20.1
                                                 19.4
##
   [93949]
            25.1
                        24.2
                               23.1
                                     21.3
                                                       18.8
                                                              18.1
                                                                    17.6
                                                                          17.0
                                                                                16.4
  [93961]
            15.8
                  15.7
                        15.7
                               15.5
                                     15.6
                                           17.6
                                                 19.7
                                                       21.4
                                                              22.7
                                                                    23.6
                                                                          24.5
                                                                                24.9
  [93973]
            25.2
                  24.9
                        24.4
                               23.5
                                     21.5
                                           20.2
                                                 19.6
                                                       19.0
                                                              18.5
                                                                    17.8
                                                                          17.6
                                                                                16.9
##
   [93985]
            17.9
                  16.8
                        16.7
                               16.5
                                     16.7
                                           18.2
                                                 20.5
                                                       22.5
                                                              23.7
                                                                    24.4
                                                                          25.2
                                                                                25.6
  [93997]
            26.4
                  26.4
                                     22.9
                                           21.3
                                                              19.3
                                                                    18.7
                                                                          18.2
##
                        26.1
                               25.0
                                                 20.4
                                                       19.8
                                                                                17.8
  [94009]
            17.3
                  16.9
                        16.8
                               17.5
                                     17.7
                                           18.9
                                                 20.5
                                                       22.2
                                                              23.3
                                                                    24.2
                                                                          25.2
                                                                                25.9
   [94021]
            27.1
                  27.4
                        27.4
                               26.7
                                     23.7
                                           21.3
                                                 20.2
                                                       19.2
                                                              18.4
                                                                    17.7
                                                                          17.3
                                                                                16.9
  [94033]
            16.6
                  16.7
                        16.9
                               16.8
                                     16.6
                                           19.1
                                                 23.0
                                                       25.9
                                                              28.1
                                                                    29.9
                                                                          30.9
##
                                                                                31.3
  [94045]
            29.8
                  29.8
                        29.5
                               28.7
                                     24.7
                                           22.3
                                                 21.5
                                                       20.3
                                                              19.4
                                                                    18.7
                                                                          18.1
  [94057]
                  16.8
                        16.6
                              16.4
                                     16.3
                                           19.0
                                                 22.8
                                                       25.8
                                                              28.5
                                                                    30.5
                                                                          31.6
            17.0
                                                                                32.2
## [94069]
            31.3
                  30.5
                        29.4
                              27.5
                                     23.6
                                           21.3
                                                 20.2
                                                       20.0
                                                              19.9
                                                                    20.2
                                                                          20.4
                                                                                18.6
##
  [94081]
            16.8
                  16.3
                        16.0
                              16.1
                                     15.8
                                           16.2
                                                 17.2
                                                       18.3
                                                              18.8
                                                                    19.8
                                                                          20.0
                                                                                19.2
  [94093]
            16.9
                  16.8
                        17.2
                              17.0
                                     16.0
                                           14.9
                                                 14.6
                                                       14.7
                                                              14.1
                                                                    13.4
                                                                          13.1
            13.1
  [94105]
                  12.8
                        12.4
                              12.0
                                     11.6
                                           12.5
                                                 14.1
                                                       15.5
                                                              16.5
                                                                    17.9 18.5
                                                                                18.6
   Γ94117]
            18.4
                  17.8
                        16.9
                              16.0
                                     14.6
                                           14.0
                                                 13.2
                                                       12.7
                                                              12.5
                                                                    12.4
##
                                                                          12.3
            12.2
                                           12.3 14.4
                                                                    18.1
##
  [94129]
                  12.2
                        12.2
                              11.8
                                     11.6
                                                       15.9
                                                              17.4
                                                                          18.8
  [94141]
            21.0
                  20.7
                        19.5
                               18.6
                                     17.0
                                           16.6
                                                 16.1
                                                       15.7
                                                              15.3
                                                                    15.0
                                                                          14.6
  [94153]
            13.9
                  13.6
                        13.7
                               13.8
                                     14.0
                                           15.2
                                                 16.8
                                                       19.1
                                                              19.9
                                                                    21.0
                                                                          21.4
                                                                                21.9
            19.8
                               19.9
                                     18.7
                                           18.4
                                                 18.3
                                                       17.6
                                                              17.6
   [94165]
                  20.7
                        19.9
                                                                    17.1
                                                                          17.8
                                                                                17.4
  [94177]
            17.7
                  17.6
                        17.6
                              17.6
                                     17.5
                                           18.4
                                                 20.0
                                                       21.4
                                                              22.7
                                                                    23.6
                                                                          24.4
                                                                                25.2
  [94189]
            23.1
                  23.1
                        22.0
                               20.9
                                     19.8
                                           18.9
                                                 18.6
                                                       18.4
                                                              18.2
                                                                    18.2
                                                                          18.0
                                                                                17.8
  [94201]
            17.5
                  17.3
                        17.3
                               17.2
                                     17.2
                                           17.8
                                                 16.7
                                                        17.3
                                                              17.2
                                                                    17.1
                                                                          18.2
                                                                                18.7
##
  [94213]
            18.0
                  18.6
                        18.3
                               18.1
                                     17.8
                                           17.7
                                                 17.6
                                                       17.6
                                                              17.5
                                                                    17.5
                                                                          17.5
                                                                                17.4
                                                              20.9
  [94225]
            17.4
                  17.6
                        18.1
                               18.1
                                     17.9
                                           18.0
                                                 18.1
                                                       19.9
                                                                    20.0
                                                                          20.0
                                                                                20.8
## [94237]
            20.8
                  18.8
                        18.3
                               18.1
                                     18.3
                                           18.3
                                                 18.1
                                                       17.6
                                                              17.2
                                                                    17.6
                                                                          17.6
                                                                                17.7
## [94249]
            17.7
                  17.5
                        16.2
                               16.0
                                     15.8
                                           17.4
                                                 19.6
                                                       21.5
                                                              22.7
                                                                    23.5
                                                                          24.2
                                                                                24.6
## [94261]
            25.1
                  24.6
                        23.8
                              22.6
                                     20.8
                                           19.6
                                                 19.1
                                                       18.5
                                                              18.1
                                                                    18.2 18.3
                                                                                17.8
## [94273]
            17.4
                  17.0
                        16.7
                               16.5
                                     16.4
                                           17.6
                                                 20.0
                                                       22.0
                                                              23.2
                                                                    24.1
                                                                          24.7
## [94285]
            24.2
                  23.2
                        22.8
                               22.3
                                     21.0
                                           18.7
                                                 17.6
                                                       17.1
                                                              17.0
                                                                    16.9
                                                                          17.4
                                                                                17.4
  [94297]
            17.2
                  17.1
                        17.4
                               17.9
                                     15.6
                                           16.1
                                                 18.3
                                                       20.1
                                                              21.4
                                                                    22.4
                                                                          23.2
                                                                                23.6
##
  [94309]
            21.0
                  21.0
                        20.3
                              19.7
                                     17.4
                                           16.3
                                                 15.5
                                                       14.7
                                                              14.0
                                                                    13.6
                                                                          13.4
                                                                                13.5
                                                       17.9
  [94321]
                  13.4
                        13.1
                              12.9
                                     12.7
                                           13.9
                                                 16.3
                                                              19.1
                                                                    19.9
            13.5
                                                                          20.3
  [94333]
            20.4
                  20.2
                        19.6
                              18.6
                                     17.1
                                           16.4
                                                 16.0
                                                       15.7
                                                              15.4
                                                                    15.0 14.8
                                                                                14.6
                                     12.2
                                           13.2
                                                       17.5
   [94345]
            14.4
                  14.0
                        13.2
                              12.5
                                                 15.6
                                                              19.1
                                                                    19.6
                                                                          20.2
                                                                                20.5
            20.7
                               18.5
##
  [94357]
                  20.4
                        19.7
                                     16.8
                                           16.3
                                                 15.7
                                                       15.0
                                                              14.5
                                                                    14.0
                                                                          13.4
                                                                                13.3
                                                              19.0
                                                                    20.4
  [94369]
            13.0
                  12.7
                        12.7
                               12.9
                                     13.1
                                           14.4
                                                 15.9
                                                       17.6
                                                                          21.6
  [94381]
            21.7
                  21.6
                        21.0
                               20.0
                                     17.9
                                           17.1
                                                 16.5
                                                       15.8
                                                              15.1
                                                                    14.3
                                                                          13.7
                                                                                13.3
##
   [94393]
            13.0
                  12.8
                        12.4
                              12.3
                                     13.0
                                           12.4
                                                 15.0
                                                       16.8
                                                              18.1
                                                                    18.8
                                                                          19.6
                                                                                19.9
  [94405]
                                                 16.0
                                                       15.3
            21.3
                  21.0
                        20.5
                              19.3
                                     17.3
                                           16.6
                                                              14.5
                                                                    13.4
                                                                          12.7
                                                                                14.1
            15.1
  [94417]
                  14.5
                        14.8
                              13.4
                                     13.1
                                           14.6
                                                 16.1
                                                       18.2
                                                              18.8
                                                                    20.7
                                                                          21.5
                                                                                21.0
## [94429]
            20.9
                  21.6
                        20.9
                               19.7
                                     17.7
                                           17.0
                                                 16.4
                                                       15.8
                                                              15.3
                                                                    14.8
                                                                          14.4
                                                                                14.2
## [94441]
            13.8
                  13.5
                        13.0
                              12.6
                                     12.3
                                           13.0
                                                 15.4
                                                       17.6
                                                              19.4
                                                                    20.8
                                                                          21.9
                                                                                22.7
## [94453]
            22.2
                  21.7
                        21.1
                               19.7
                                     17.7
                                           17.0
                                                16.4
                                                       15.6
                                                             14.8
                                                                    14.2 13.7
## [94465]
            13.0
                  13.6 14.5
                              14.5
                                     14.5
                                           15.3
                                                 16.6 17.6
                                                             18.7
                                                                    21.1
                                                                          21.1
                                                                                21.3
## [94477]
            19.5 19.1 19.3 19.0
                                   17.2
                                           18.3 17.8 17.5 17.0 16.7 16.6
```

```
## [94489]
            15.7 16.1 16.2 16.1 15.8 15.8 16.7 18.3 18.9 19.3 21.3
## [94501]
            22.0
                  22.1
                        21.5
                              20.0
                                    18.3
                                          18.1
                                                17.6
                                                       16.6
                                                             16.1
                                                                   15.6
                                                                        15.2
                                                                               14.9
## [94513]
            14.7
                  14.5
                        14.6
                              14.4
                                    15.1
                                          15.2
                                                 16.8
                                                       18.8
                                                             20.1
                                                                   20.5
                                                                         21.1
                                                             14.9
## [94525]
            22.6
                  21.8
                        20.7
                              19.2
                                    17.8
                                          17.3
                                                 16.7
                                                       15.7
                                                                   14.4
                                                                         14.8
                                                                               14.8
  [94537]
            14.8
                  14.9
                        14.8
                              14.4
                                    14.4
                                          14.4
                                                 15.6
                                                       15.3
                                                             17.0
                                                                   18.8
                                                                         20.3
  [94549]
            19.3
                  20.2
                        20.2
                              18.9
                                    18.1
                                          17.9
                                                 17.7
                                                       17.1 16.5
                                                                   16.1 15.6
##
                                                                               14.4
                        13.3
                              13.2
                                    13.0
                                          13.8
                                                 16.0
                                                       17.8
                                                             19.1
                                                                   19.8
                                                                         20.5
  [94561]
            14.0
                  13.6
            22.5
                                          17.3
                                                 16.6
                                                      16.1
                                                             15.6
                                                                   14.9
  [94573]
                  21.8
                        21.0
                              19.7
                                    18.0
                                                                         14.4
                                                                               14.2
##
   [94585]
            14.0
                  13.7
                        13.5
                              13.1
                                    13.0
                                          14.9
                                                 16.4
                                                       17.6
                                                             18.8
                                                                   19.8
                                                                         20.7
                                                                               21.4
                                                       16.6
##
  [94597]
            22.4
                  22.4
                        21.5
                              19.7
                                    18.0
                                          17.8 17.4
                                                             15.9
                                                                   15.4
                                                                         15.1
                                                                               14.9
  [94609]
            14.6
                  14.3
                        14.0
                              13.7
                                    13.2
                                          13.6
                                                 16.0
                                                       17.8
                                                             18.8
                                                                   20.0
                                                                         20.8
                                                                               21.4
  [94621]
                  21.3
                        20.7
                              19.6
                                    18.3
                                          17.6
                                                 16.9
                                                       16.4
                                                             16.9
                                                                   16.8
                                                                         16.7
            21.8
                                                                               16.6
   [94633]
            16.4
                  16.3
                        16.2
                              16.1
                                    15.9
                                          16.1
                                                 17.1
                                                       18.1
                                                             18.7
                                                                   19.3
                                                                         19.9
                                                                                20.7
            21.5
                        20.6
                                          16.9
                                                       15.7
##
  [94645]
                  21.2
                              19.3
                                    17.6
                                                 16.3
                                                             15.3
                                                                   15.0
                                                                         14.7
                                                                               15.3
  [94657]
            15.5
                  15.5
                        15.4
                              15.3
                                    15.0
                                          15.0
                                                 15.7
                                                       17.0
                                                             18.2
                                                                   19.3
                                                                         20.5
                                                                               21.4
   [94669]
            22.1
                  22.2
                        21.8
                              20.4
                                    17.8
                                          16.8
                                                 16.2
                                                       15.5
                                                             15.0
                                                                   14.5
                                                                         14.3
                                                                                14.1
  [94681]
            14.0
                  13.8
                              13.5
                                    14.0
                                          14.2
                                                16.2
                                                       18.1
                                                             20.0
                                                                   21.8
                                                                         22.9
                                                                               23.6
##
                        13.6
  [94693]
            22.5
                  22.5
                        22.2
                              20.6
                                    18.3
                                          18.3
                                                 18.2
                                                       16.3
                                                             15.5
                                                                   15.4
                                                                         15.4
  [94705]
                  14.3
                        14.0
                              13.7
                                    13.4
                                          13.4
                                                15.4
                                                       17.5
                                                             18.8
                                                                   19.7
                                                                         20.4
            14.7
                                                                               20.8
## [94717]
            20.8
                  20.4
                        19.6
                              18.1
                                    16.1
                                          15.4
                                                 14.9
                                                       14.3
                                                             13.8
                                                                   13.7
                                                                         13.3
                                                                               13.0
                                                                         18.5
## [94729]
            12.5
                  12.2
                        11.8
                              11.6
                                    11.5
                                          11.9
                                                 14.2
                                                      16.0
                                                             17.0
                                                                   17.8
                                                                               19.0
  [94741]
            19.0
                  18.7
                        18.0
                              16.6
                                    15.4
                                          14.9
                                                 14.4
                                                       14.1
                                                             13.5
                                                                   13.4
                                                                         13.9
            13.9
  [94753]
                  13.8
                        13.7
                              13.6
                                    13.3
                                          13.7
                                                 15.2
                                                       16.6
                                                             17.0
                                                                   18.5
                                                                        19.0
                                                                               19.1
  [94765]
            18.7
                  18.5
                        18.2
                              17.1
                                    15.6
                                          15.6
                                                 15.7
                                                       15.5
                                                             15.4
                                                                   15.2
                                                                         14.9
##
                                                                               13.8
                                                             18.8
                                                                   20.0
                                                                         20.1
                                                                               20.2
##
  [94777]
            13.3
                  14.2
                        14.2
                              14.0
                                    13.8
                                          13.6
                                                 14.4
                                                       16.1
  [94789]
            19.9
                  19.5
                        18.6
                              17.3
                                    16.4
                                          15.3
                                                 15.0
                                                       15.6
                                                             16.1
                                                                   16.2
                                                                         15.9
##
  [94801]
            11.3
                  10.6
                         8.9
                               7.8
                                     7.1
                                            6.9
                                                  8.3
                                                        9.6
                                                             11.0
                                                                   12.4
                                                                         13.5
                                                                               14.4
  [94813]
                                    10.3
                                            9.2
                                                  9.0
                                                        9.3
##
            13.9
                  13.8
                        13.6
                              12.1
                                                              9.3
                                                                    9.0
                                                                          8.7
                                                                                8.7
             7.5
  [94825]
                   7.0
                         6.9
                               6.8
                                     6.9
                                            7.9
                                                 11.5
                                                       14.3
                                                             16.0
                                                                   17.2
                                                                         18.0
                                                                               18.5
##
  [94837]
            19.6
                  19.0
                        17.9
                              16.3
                                    14.5
                                          13.6
                                                 12.9
                                                       12.2
                                                             11.4
                                                                   11.0
                                                                         10.8
                                                                               10.6
##
  [94849]
            10.7
                  10.5
                        10.3
                              10.5
                                    10.6
                                           10.5
                                                 14.1
                                                       17.4
                                                             19.4
                                                                   20.8
                                                                         21.7
                                                                               22.2
##
  [94861]
            22.8
                  22.3
                        21.3
                              19.0
                                    16.4
                                          16.0
                                                14.6
                                                       14.2
                                                             13.8
                                                                   13.5
                                                                         13.2
                                                                               13.1
  [94873]
            12.9
                  12.7
                        12.7
                              12.7
                                    12.8
                                          13.3
                                                16.4
                                                       19.0
                                                             20.6
                                                                   21.6
                                                                         22.3
                                                                               22.8
                                                16.3
                                                             14.8
## [94885]
            23.3
                  23.0
                        22.2
                              20.4
                                    18.0
                                          17.0
                                                       15.4
                                                                   14.5
                                                                         14.3
                                                                               14.2
## [94897]
            14.3
                  14.0
                        13.7
                              13.4
                                    13.5
                                           14.0
                                                 16.0
                                                       19.1
                                                             21.0
                                                                   22.5
                                                                         23.4
                                                                               23.6
## [94909]
            22.8
                  22.1
                        21.0
                              19.2
                                    17.5
                                          17.2 17.2 17.2
                                                            17.1
                                                                   16.8
                                                                         16.4
                                                                               15.7
## [94921]
            15.1
                  14.6
                        14.7
                              14.7
                                    14.6
                                          15.0
                                                 16.3
                                                       19.1
                                                             21.1
                                                                   22.1
                                                                         23.0
## [94933]
            22.7
                  21.8
                        20.8
                              19.0
                                    17.5
                                          16.8
                                                 16.5
                                                       16.3
                                                             16.3
                                                                   15.8
                                                                         15.2
                                                                               14.9
  [94945]
            14.7
                  14.9
                        15.2
                              15.3
                                    15.4
                                          15.5
                                                 17.4
                                                       19.9
                                                             21.9
                                                                   23.4
                                                                         24.5
                                                                               24.9
            22.7
  [94957]
                  23.9
                        23.7
                              22.0
                                    20.8
                                          19.8
                                                19.4
                                                      18.2 17.6
                                                                   17.3
                                                                         16.7
                                                                               16.0
##
                                                       20.1
                        15.6
                              15.4
                                    15.0
                                          14.5
                                                 17.4
                                                             22.0
                                                                   23.2
  [94969]
            16.1
                  16.1
                                                                         23.8
  [94981]
            24.0
                  23.7
                        23.1
                              20.6
                                    19.1
                                          18.2
                                                 17.4 16.6
                                                             15.7
                                                                   15.0
                                                                         14.4
                                                                               13.8
   [94993]
                                    11.8
                                          11.6
                                                 12.9
            13.4
                  13.0
                        12.6
                              12.2
                                                       14.1
                                                             15.3
                                                                   16.2
                                                                         16.8
                                                                               17.3
  [95005]
##
            18.1
                  18.0
                        17.6
                              16.1
                                    15.0
                                          14.2 13.4
                                                       12.6
                                                             12.6
                                                                   12.6
                                                                         12.4
                                                                               12.2
                                                             13.9
  [95017]
            12.1
                  11.8
                        11.7
                              11.6
                                    11.7
                                          11.6
                                                 12.4
                                                       13.3
                                                                   14.3
                                                                         14.9
                        17.0
                                                       12.8
                                                             12.2
  [95029]
            17.3
                  17.7
                              15.3
                                    14.5
                                          14.0
                                                 13.4
                                                                   12.2
                                                                         12.3
                                                                               12.2
##
   [95041]
            12.1
                  11.8
                        11.8
                              11.9
                                    11.8
                                          11.9
                                                 12.7
                                                       13.7
                                                             14.6
                                                                   15.5
                                                                         15.5
                                                                               16.0
  [95053]
                                          14.8 14.3
                                                       14.7
                                                             14.5
                                                                               13.5
            19.2
                  18.9
                        18.2
                              16.5
                                    15.5
                                                                   14.1
                                                                         13.8
  [95065]
            13.3
                  13.2
                        12.8
                              12.6
                                    12.6
                                          12.6 13.3
                                                      14.0
                                                             14.5
                                                                   15.2
                                                                         15.8
                                                                               16.9
## [95077]
            18.3
                  18.0
                        17.2
                              15.6
                                    14.7
                                           14.1
                                                 13.4
                                                       12.6
                                                             12.1
                                                                   11.7
                                                                         11.4
                                                                               11.3
## [95089]
            11.1
                        11.0
                              11.1
                                    11.5
                                          12.0
                                                13.3
                                                       14.5
                                                             15.7
                                                                   16.8
                                                                         17.1
                  11.1
                                                                               17.4
## [95101]
            18.0
                  17.8
                       17.2
                              15.6
                                    14.9
                                          14.4 13.9
                                                       13.7
                                                             13.8 13.5
                                                                         12.9
## [95113]
            12.0
                  12.9 13.0
                              13.0
                                    12.9
                                          12.8 13.5
                                                      14.5 15.5
                                                                   16.1 16.4
                                                                               16.3
## [95125]
            17.2 16.8 16.0 14.3 13.6
                                          13.2 12.8 12.4 12.5 12.8 12.7
```

```
## [95137]
             12.2
                   12.0 11.8 10.8 11.3 11.5 13.2 13.8 15.1 16.2 16.5
   [95149]
             16.2
                   16.2
                          15.9
                                 13.8
                                        13.2
                                              13.8
                                                     13.9
                                                            13.3
                                                                  13.0
                                                                         12.0
                                                                                11.7
                                                                                       11.5
   [95161]
                                                     11.9
             11.5
                    11.4
                          11.4
                                 11.2
                                        10.9
                                              10.5
                                                            13.3
                                                                  14.5
                                                                         15.6
                                                                                16.3
                                                     12.4
   [95173]
             17.2
                    16.7
                          15.6
                                 13.8
                                        13.1
                                              12.8
                                                            12.3
                                                                  11.8
                                                                         11.7
                                                                                11.5
                                                                                       10.8
   [95185]
             10.4
                    10.1
                          10.0
                                 10.3
                                        10.9
                                              10.9
                                                     12.3
                                                            13.8
                                                                  14.8
                                                                         15.6
                                                                                16.0
                                                                                       16.3
   [95197]
             17.2
                   16.9
                          16.1
                                 14.1
                                        13.3
                                              12.6
                                                     12.4
                                                            12.3
                                                                  12.2
                                                                         11.8
                                                                               11.6
##
                                                                                       12.4
   [95209]
                                 12.2
                                        12.2
                                              12.1
                                                     13.0
                                                            14.1
                                                                  15.2
                                                                                16.9
             12.4
                    12.4
                          12.3
                                                                         16.2
                   17.6
                                                     12.4
                                                            12.5
                                                                  12.6
                                                                         12.0
   [95221]
             17.9
                          16.7
                                 14.5
                                        13.4
                                              12.8
                                                                                12.5
                                                                                       12.7
##
   [95233]
             12.7
                    12.5
                          12.2
                                 12.0
                                        12.0
                                              11.7
                                                     12.2
                                                            13.4
                                                                  15.0
                                                                         15.9
                                                                                16.3
                                                                                       16.7
##
   [95245]
             17.5
                    17.0
                          16.2
                                 14.4
                                        13.9
                                              13.5
                                                     12.9
                                                            12.2
                                                                  11.9
                                                                         11.7
                                                                                11.3
                                                                                       10.9
   [95257]
             10.5
                     9.9
                           9.3
                                  8.8
                                         8.5
                                               8.4
                                                     10.2
                                                            12.0
                                                                  13.5
                                                                         14.4
                                                                                13.9
                                                                                       13.8
                                                                                 7.2
   [95269]
             14.6
                    14.2
                          13.4
                                 12.4
                                        11.6
                                              10.5
                                                      9.4
                                                             8.7
                                                                   8.1
                                                                          7.7
                                                                                       7.0
##
##
   [95281]
              6.8
                     6.7
                           6.6
                                  6.3
                                         6.1
                                               5.9
                                                      7.3
                                                             9.0
                                                                  10.4
                                                                         11.5
                                                                                12.1
                                                                                       12.5
   [95293]
                                               9.2
                                                                          8.5
##
             13.7
                    12.9
                          12.0
                                 10.3
                                         9.7
                                                      8.8
                                                             8.6
                                                                    8.6
                                                                                 7.9
                                                                                        7.3
   [95305]
              6.9
                     6.9
                           6.6
                                  8.2
                                         7.5
                                               8.0
                                                      9.3
                                                            10.9
                                                                   12.0
                                                                         12.6
                                                                                12.0
                                                                                       11.2
   [95317]
             12.8
                    12.4
                          11.9
                                  9.8
                                        10.4
                                               9.5
                                                      9.0
                                                             8.3
                                                                    7.7
                                                                          7.2
                                                                                 6.6
                                                                                        6.3
   [95329]
              5.8
                    5.3
                                         4.5
                                                4.2
                                                      5.4
                                                             6.9
                                                                    8.5
                                                                                10.7
                                                                                       11.3
##
                           5.4
                                  4.7
                                                                          9.8
   [95341]
             11.3
                    11.0
                          10.4
                                  8.2
                                         7.5
                                               8.2
                                                      8.6
                                                             7.3
                                                                    6.1
                                                                          4.2
                                                                                 3.4
                                                                                        2.8
   [95353]
                     2.0
                                                      2.9
                                                             4.5
                                                                    6.1
                                                                          6.6
                                                                                 7.0
                                                                                        7.6
              2.3
                           1.8
                                  1.6
                                         1.5
                                               1.9
   [95365]
             10.1
                    10.3
                          10.1
                                  9.2
                                         9.0
                                               8.5
                                                      7.9
                                                             7.5
                                                                    7.4
                                                                          7.5
                                                                                 7.6
                                                                                       7.7
                                                            12.0
                                                                         12.3
##
   [95377]
              7.7
                    7.9
                           8.1
                                  8.1
                                         8.5
                                               8.9
                                                      9.8
                                                                  12.6
                                                                                11.8
                                                                                       11.5
   [95389]
             11.3
                    10.9
                          11.2
                                 11.0
                                        10.7
                                              10.5
                                                     10.5
                                                            10.7
                                                                   11.1
                                                                         11.6
                                                                                13.7
             14.1
   [95401]
                    15.0
                          15.0
                                 15.7
                                        15.2
                                              15.6
                                                     16.1
                                                            16.2
                                                                  15.7
                                                                         13.7
                                                                                14.0
                                                                                       14.5
##
   [95413]
             14.5
                    15.5
                          15.6
                                 13.4
                                        12.8
                                              12.3
                                                     12.1
                                                            12.9
                                                                  13.0
                                                                         12.8
                                                                                12.2
##
                                                                                       11.7
                                                            13.6
                                                                         15.7
##
   [95425]
             11.5
                   11.5
                          11.8
                                 12.1
                                        12.2
                                              12.1
                                                     12.8
                                                                  14.5
                                                                                15.1
                                                                                       15.2
   [95437]
             16.0
                    15.8
                          15.1
                                 14.1
                                        13.8
                                              13.5
                                                     13.2
                                                            12.9
                                                                  13.4
                                                                         12.6
                                                                                12.6
                                                                                       12.1
   [95449]
             11.9
                    12.0
                          12.3
                                 11.8
                                        12.0
                                              12.7
                                                     13.5
                                                            13.8
                                                                  15.9
                                                                         17.7
                                                                                18.0
                                                                                       16.8
   [95461]
                                        14.9
                                                     14.2
                                                            13.9
                                                                   13.8
##
             18.8
                    18.7
                          17.3
                                 15.4
                                              14.4
                                                                         13.9
                                                                                13.9
                                                                                       14.1
   [95473]
             14.1
                     9.5
                           9.3
                                  8.7
                                         8.1
                                               7.7
                                                      7.6
                                                             7.6
                                                                    7.9
                                                                          8.3
                                                                                 9.1
                                                                                        9.5
##
   [95485]
             11.9
                    11.9
                          11.9
                                 11.5
                                        10.4
                                               9.7
                                                      9.1
                                                             8.6
                                                                    8.1
                                                                          7.8
                                                                                 7.4
                                                                                        6.9
##
   [95497]
              6.7
                     6.2
                           5.7
                                  5.5
                                         5.4
                                                5.2
                                                      5.8
                                                             7.0
                                                                    8.1
                                                                          9.1
                                                                                 9.8
                                                                                       10.2
##
   [95509]
             10.5
                    10.5
                           9.3
                                  7.9
                                         7.7
                                               7.5
                                                      7.0
                                                             6.5
                                                                    6.0
                                                                          5.7
                                                                                 6.5
                                                                                        6.5
                                                                                       10.5
##
   [95521]
              5.9
                     4.9
                           4.8
                                  4.9
                                         4.7
                                                4.7
                                                      5.6
                                                             7.5
                                                                    8.8
                                                                          9.5
                                                                                10.0
   [95533]
                    10.7
                           9.9
                                         7.5
                                               6.8
                                                      6.4
                                                                    6.5
                                                                          5.9
                                                                                 5.5
                                                                                        6.9
##
             11.0
                                  8.1
                                                             6.8
   [95545]
              6.9
                    7.0
                           7.0
                                  6.9
                                         6.7
                                               6.9
                                                      7.8
                                                             9.2
                                                                   10.6
                                                                         11.8
                                                                                13.0
                                                                                       13.9
   [95557]
             14.4
                    14.0
                          13.3
                                 11.9
                                        11.3
                                              10.7
                                                     10.2
                                                             9.2
                                                                   9.1
                                                                          9.6
                                                                                10.1
##
                                                                                       10.0
   [95569]
              9.3
                     9.7
                          10.5
                                 11.1
                                        12.0
                                              12.0
                                                     12.8
                                                            13.7
                                                                   14.2
                                                                         14.1
                                                                                14.7
   [95581]
             16.1
                    16.1
                          16.6
                                 15.8
                                        15.6
                                              15.5
                                                     15.6
                                                            15.6
                                                                  15.5
                                                                         15.3
                                                                                15.2
                                                                                       15.0
##
   [95593]
             15.1
                    15.2
                          15.1
                                 15.1
                                        15.0
                                              14.8
                                                     15.3
                                                            16.2
                                                                   16.7
                                                                         17.2
                                                                                17.3
                                                                                       17.7
##
             19.1
   [95605]
                    18.9
                          18.2
                                 17.0
                                        16.7
                                              16.8
                                                     16.7
                                                            16.5
                                                                  16.7
                                                                         16.0
                                                                                15.4
                                                                                       15.5
##
                                                            15.2
                                                                   15.8
                                                                         15.3
                          14.5
                                 13.9
                                              14.2
                                                     14.3
   [95617]
             15.1
                    14.1
                                        13.6
                                                                                15.3
   [95629]
             12.2
                     9.9
                           7.3
                                  4.8
                                         3.0
                                               2.0
                                                      1.4
                                                             1.2
                                                                    1.0
                                                                          0.8
                                                                                 0.9
                                                                                        1.1
   [95641]
##
              1.1
                     1.1
                           0.8
                                  0.5
                                         0.3
                                               0.3
                                                      0.7
                                                             1.8
                                                                    2.8
                                                                          4.3
                                                                                 5.5
                                                                                        6.2
                                                                                 0.5
##
   [95653]
              6.3
                     6.9
                           7.1
                                  6.3
                                         4.5
                                                3.1
                                                      2.1
                                                             1.3
                                                                    0.8
                                                                          0.6
                                                                                        0.5
   [95665]
                                 -0.4
                                                                          3.6
              0.1
                    -0.1
                           -0.4
                                        -0.3
                                               -0.3
                                                      0.1
                                                             1.3
                                                                    2.5
                                                                                 4.6
                                                                                        5.4
                                         2.7
                                                2.1
                                                                                -0.8
   [95677]
              5.0
                     4.8
                           4.5
                                  3.5
                                                      1.8
                                                             1.5
                                                                    0.2
                                                                         -0.3
                                                                                       -0.8
##
                                                                          7.0
                                                                                 7.9
##
   [95689]
             -0.6
                     1.5
                           1.3
                                  1.5
                                         1.7
                                               0.4
                                                      2.3
                                                             4.9
                                                                    6.0
                                                                                        8.3
   [95701]
              7.1
                                                5.9
                                                                                 5.9
                                                                                        5.8
##
                     6.9
                           6.4
                                  5.8
                                         5.8
                                                      6.0
                                                             6.1
                                                                    6.0
                                                                          6.1
                                               5.6
   [95713]
              5.7
                     5.6
                           5.5
                                  5.4
                                         5.4
                                                      6.1
                                                             7.2
                                                                    8.1
                                                                          9.2
                                                                                10.0
                                                                                       10.5
                                                                          7.8
                                                                                 7.6
   [95725]
             10.4
                    10.1
                           9.4
                                  8.2
                                         8.8
                                               9.1
                                                      9.1
                                                             8.7
                                                                    8.0
                                                                                       7.5
   [95737]
              7.4
                    7.3
                           7.3
                                  7.3
                                                6.9
                                                      7.0
                                                             7.7
                                                                    8.5
                                                                          9.3
                                                                                10.0
                                                                                       10.3
##
                                         7.1
   [95749]
             11.9
                    11.5
                          10.7
                                  8.9
                                         8.3
                                               8.1
                                                      8.6
                                                             8.9
                                                                    9.7
                                                                          9.9
                                                                                 9.2
                                                                                        8.9
                                               8.1
  [95761]
              8.7
                     8.5
                           8.4
                                  8.2
                                         8.2
                                                      8.4
                                                             9.4
                                                                   10.3
                                                                         10.9
                                                                                11.6
                                                                                       11.8
## [95773]
             11.6
                   11.4 11.1
                                 10.3
                                        10.0
                                                9.9
                                                      9.9
                                                             9.8
                                                                    9.5
                                                                          9.0
                                                                                 8.5
                                                                                        8.3
```

	[05705]	0 0	0 0	0 0	0 0	0 0	0.4	7 0	0 0	40.0	44 -	40 5	40.0
	[95785]	8.2	8.3	8.3	8.3	8.2	8.1	7.9	9.9	10.6	11.5	12.5	13.0
##	[95797]	11.5	11.6	11.7	9.8	9.3	8.8	9.6	7.5	6.2	6.1	5.2	5.3
##	[95809]	4.9	5.1	4.7	3.6	2.9	2.3	2.4	3.4	4.6	5.6	6.6	7.2
##	[95821]	7.3	7.0	6.1	4.5	3.7	3.0	2.4	1.8	1.3	0.8	0.4	0.1
##	[95833]	-0.2	-0.4	-0.6	-0.8	-0.9	-1.1	0.1	2.7	4.3	5.3	6.1	6.6
##	[95845]	6.4	6.0	5.2	3.1	2.4	2.3	2.7	2.6	2.2	2.1	2.0	1.8
##	[95857]	1.5	1.4	1.7	2.2	2.1	2.0	2.4	5.0	7.0	8.5	9.3	10.1
##	[95869]	10.7	10.7	10.0	8.6	8.4	8.3	7.8	6.8	6.4	6.8	8.1	7.7
##	[95881]	7.9	7.9	7.9	8.6	9.3	9.2	10.0	10.9	11.5	11.9	12.7	13.2
##	[95893]	11.5	11.6	11.8	11.7	11.3	10.8	10.9	10.8	10.9	11.1	11.4	11.8
##	[95905]	11.3	10.9	10.3	10.7	10.6	11.8	11.2	11.4	8.2	8.8	9.9	11.0
##	[95917]	10.0	10.3	9.7	7.6	7.0	7.0	7.1	6.4	6.6	6.4	6.2	6.4
##	[95929]	7.4	7.3	7.2	6.7	6.4	6.1	5.9	7.2	7.6	7.8	8.3	8.1
##	[95941]	9.7	9.4	8.9	7.8	7.5	7.5	7.5	7.2	6.8	6.7	5.9	5.4
##	[95953]	4.4	3.7	3.3	3.5	2.6	1.9	2.6	4.8	6.2	6.8	7.4	8.0
##	[95965]	8.0	7.8	7.1	5.6	5.1	4.6	4.2	4.2	3.5	3.0	2.9	2.9
##	[95977]	2.8	2.7	2.5	2.4	2.3	2.0	3.4	6.0	7.8	9.3	10.0	10.1
##	[95989]	9.4	8.7	8.5	7.8	7.2	6.9	5.0	4.6	4.4	4.3	3.7	3.1
##	[96001]	2.9	2.5	2.2	2.1	2.2	2.1	3.1	5.5	7.2	8.7	9.9	10.7
##	[96013]	11.4	11.4	10.7	9.9	10.2	10.3	10.6	10.7	11.5	11.7	11.8	11.4
##	[96025]	11.7	11.5	11.4	11.4	11.7	11.9	12.5	13.7	14.7	15.5	16.2	16.6
##	[96037]	17.1	16.4	15.5	14.7	14.3	14.2	13.9	13.7	13.4	13.2	12.8	12.3
##	[96049]	10.9	10.3	10.9	11.1	11.2	10.9	11.1	12.4	13.4	15.6	15.6	14.9
##	[96061]	16.1	15.5	14.3	13.1	12.7	12.5	12.4	12.1	12.0	11.8	11.6	11.3
##	[96073]	10.3	7.7	7.2	6.5	6.2	6.2	6.1	6.5	6.9	7.9	8.5	8.7
##	[96085]	10.9	10.6	9.9	9.1	8.8	8.5	8.2	7.9	7.7	7.9	7.8	7.5
##	[96097]	7.1	7.0	6.8	6.4	6.2	6.0	5.6	5.7	5.5	5.8	5.8	5.7
##	[96109]	8.4	7.8	7.1	6.3	5.7	4.9	4.1	3.2	2.1	1.3	0.9	0.6
##	[96121]	0.3	-0.1	-0.1	-0.4	-0.6	-0.7	-1.0	-1.0	-0.7	-0.5	-0.2	0.2
##	[96133]	0.7	0.9	0.9	0.7	0.5	0.0	-0.6	-1.4	-1.8	-2.1	-2.6	-2.8
##	[96145]	-2.9	-3.0	-3.0	-3.0	-3.0	-3.0	-2.2	-0.3	0.4	1.1	1.9	2.7
##	[96157]	3.0	3.2	2.9	2.5	2.7	2.7	2.7	2.3	1.9	0.8	0.6	0.5
##	[96169]	0.3	0.7	1.8	2.0	2.1	2.2	2.4	3.4	4.4	6.4	10.3	11.2
##	[96181]	9.4	9.5	9.0	8.0	6.9	6.4	6.0	5.6	5.3	5.3	5.3	5.0
##	[96193]	5.2	5.0	4.7	5.6	6.0	6.4	7.0	8.6	10.3	11.3	12.1	12.3
##	[96205]	13.0	12.7	12.3	10.6	10.0	9.5	9.1	9.5	9.4	9.0	9.0	8.9
##	[96217]	9.2	9.4	9.3	9.5	9.4	9.1	9.3	10.8	12.3	13.5	14.3	14.0
##	[96229]	14.7	14.3	13.2	10.7	10.1	9.6	9.3	9.0	8.7	8.5	8.4	8.5
	[96241]	8.1	7.3	6.6	6.4	6.4	7.8	7.6	9.8	11.3	12.5	13.8	14.5
	[96253]	14.9	14.8	13.9	13.3	13.0	13.0	13.0	13.0	13.0	12.9	12.7	8.7
	[96265]	8.2	7.1	5.9	5.3	4.1	4.9	3.8	2.7	3.2	3.5	4.3	4.6
##	_	5.9	5.5	4.7	3.3	2.8	2.4	2.1	1.7	1.5	1.0	0.4	0.4
##	_	0.4	0.1	-0.1	-0.2	-0.4	-0.5	-0.2	1.4	2.4	3.2	4.1	4.5
##	[96301]	5.2	5.1	4.4	2.2	1.5	1.2	1.6	1.6	1.6	1.6	1.7	1.6
##	[96313]	1.5	1.4	1.5	1.4	1.7	1.7	1.8	3.4	5.0	6.5	7.1	7.2
##	[96325]	7.2	7.2	6.7	5.2	4.7	4.3	4.2	3.6	3.5	3.6	3.5	3.4
##	[96337]	3.4	3.3	3.3	3.3	3.1	3.0	3.4	5.2	6.9	8.1	8.1	8.3
##	[96349]	9.4	9.3	8.7	7.2	6.6	5.9	5.5	5.0	4.6	4.5	4.7	4.9
##	[96361]	5.1	5.3	5.5	5.8	6.2	6.4	6.1	7.0	8.0	8.9	9.2	9.1
##	_	10.1	9.9	9.5	8.8	8.2	6.4	5.1	4.8	4.3	3.9	3.4	4.6
##	_	4.4	4.2	4.2	4.5	4.7	3.2	2.5	5.0	6.6	7.6	8.3	8.7
	[96397]	9.0	8.7	7.9	6.4	5.8	5.8	5.2	5.1	5.3	5.3	5.3	5.1
	[96409]	4.8	4.3	4.0	3.8	3.6	3.4	3.6	5.8	7.6	8.8	9.5	9.7
	[96421]	8.5	8.0	7.2	6.3	5.7	5.2	5.1	5.2	5.0	5.5	5.4	5.3
ππ	[00421]	0.0	0.0	1 . 4	0.0	0.1	0.2	0.1	0.2	0.0	0.0	0.4	0.0

```
[96433]
               5.2
                      4.9
                             4.9
                                    4.9
                                           4.8
                                                  4.9
                                                         5.4
                                                                5.9
                                                                       6.1
                                                                              6.7
                                                                                     6.9
                                                                                             6.8
   [96445]
               8.6
                      8.0
                             7.3
                                                                5.0
                                                                       4.9
                                                                              4.4
                                                                                     4.1
                                                                                             3.8
##
                                    6.5
                                           6.1
                                                  5.6
                                                         5.2
   [96457]
               3.5
                      3.2
                             2.8
                                    2.5
                                           2.2
                                                  3.0
                                                         3.2
                                                                4.1
                                                                       5.8
                                                                              7.0
                                                                                     7.9
                                                                                             8.4
   [96469]
               8.4
                      8.3
                             7.8
                                    6.3
                                           6.0
                                                  5.7
                                                         5.5
                                                                5.3
                                                                       5.1
                                                                              5.0
                                                                                     4.3
                                                                                             3.9
##
##
   [96481]
               3.7
                      4.4
                             4.3
                                    4.6
                                           3.0
                                                  1.8
                                                         2.9
                                                                5.1
                                                                       5.8
                                                                              5.3
                                                                                     5.0
                                                                                             4.6
   [96493]
               5.5
                      5.0
                             4.5
                                    3.8
                                                  2.7
                                                                2.9
                                                                       2.2
                                                                              0.9
                                                                                     0.9
##
                                           3.1
                                                         2.7
                                                                                             0.7
   [96505]
                                                                       0.5
                                                                              0.9
##
               0.7
                      0.5
                             0.3
                                    0.2
                                           0.1
                                                  0.0
                                                         0.0
                                                                0.0
                                                                                     1.6
                                                                                             2.3
                                                  2.5
                                                                       2.6
##
   [96517]
               3.5
                      3.5
                             3.2
                                    1.9
                                           2.3
                                                         2.1
                                                                2.3
                                                                              2.8
                                                                                     3.2
                                                                                             3.4
##
   [96529]
               3.5
                      3.4
                             3.6
                                    3.8
                                           3.2
                                                  2.7
                                                         3.2
                                                                2.6
                                                                       1.4
                                                                              0.5
                                                                                     0.9
                                                                                             0.7
              -0.5
                     -0.5
                                                        -1.5
                                                                      -1.3
                                                                                    -1.0
##
   [96541]
                            -0.6
                                   -1.2
                                          -1.6
                                                -1.5
                                                               -1.4
                                                                             -1.1
                                                                                           -0.7
   [96553]
              -0.8
                     -1.8
                            -2.5
                                   -3.0
                                          -3.1
                                                 -3.2
                                                        -0.7
                                                                0.6
                                                                       1.4
                                                                              2.4
                                                                                     2.7
                                                                                             3.4
   [96565]
                      2.0
                             1.5
                                           1.0
                                                  0.9
                                                         1.2
                                                                1.5
                                                                                     0.9
                                                                                             0.4
##
               1.8
                                    1.3
                                                                       1.4
                                                                              1.4
##
   [96577]
               0.3
                     -0.2
                            -0.4
                                   -1.6
                                          -2.1
                                                 -2.2
                                                        -1.9
                                                                0.0
                                                                       0.8
                                                                              1.5
                                                                                     1.4
                                                                                             1.5
   [96589]
                      0.4
                             0.1
                                   -1.6
                                          -1.9
                                                        -2.1
                                                               -2.4
                                                                      -3.0
                                                                             -3.5
                                                                                    -3.7
                                                                                           -3.8
##
               0.4
                                                 -1.9
   [96601]
              -3.8
                     -3.8
                            -3.8
                                   -3.7
                                          -3.6
                                                 -3.8
                                                        -3.7
                                                               -2.7
                                                                      -2.0
                                                                             -1.4
                                                                                    -1.0
                                                                                           -0.6
##
                                                                                    -3.0
##
   [96613]
              -1.4
                     -1.2
                            -1.6
                                   -3.2
                                          -3.2
                                                 -3.0
                                                        -3.5
                                                               -3.8
                                                                      -3.7
                                                                             -3.4
                                                                                           -2.2
              -1.6
                      0.0
                             0.7
                                    0.9
                                           1.3
                                                  1.2
                                                         1.5
                                                                2.0
                                                                       2.8
                                                                              3.9
                                                                                     5.0
                                                                                             5.7
##
   [96625]
##
   [96637]
               5.3
                      5.0
                             5.3
                                    5.2
                                           5.2
                                                  5.7
                                                         6.2
                                                                6.4
                                                                       6.5
                                                                              6.6
                                                                                     6.8
                                                                                            7.2
   [96649]
               7.4
                      8.0
                             8.9
                                    9.4
                                           9.5
                                                  9.4
                                                         9.7
                                                               11.0
                                                                                    12.0
                                                                                           12.8
##
                                                                      11.1
                                                                             11.6
##
   [96661]
              12.6
                     12.7
                            12.4
                                   11.7
                                          11.1
                                                 11.1
                                                        11.3
                                                               11.3
                                                                      11.0
                                                                             11.0
                                                                                    10.8
                                                                                           10.9
##
   [96673]
              11.0
                     10.5
                            10.3
                                   10.0
                                          10.0
                                                  9.1
                                                         9.8
                                                                9.8
                                                                      10.0
                                                                             10.1
                                                                                     9.6
                                                                                            9.5
   [96685]
              10.8
                     10.5
                            10.0
                                    8.5
                                           7.5
                                                  7.2
                                                         7.1
                                                                7.3
                                                                       6.9
                                                                              6.2
                                                                                     6.0
                                                                                             4.9
##
   [96697]
                      4.2
                             3.9
                                           4.2
                                                  3.4
                                                         2.9
                                                                       2.4
                                                                              2.6
                                                                                     2.9
                                                                                             3.0
##
               4.8
                                    3.8
                                                                2.8
   [96709]
               3.7
                      3.8
                                                  1.8
                                                         2.0
                                                                       2.4
                                                                              2.4
##
                             3.4
                                    2.6
                                           1.9
                                                                2.4
                                                                                     2.3
                                                                                             2.2
                                                                       2.8
                                                                1.4
##
   [96721]
               2.1
                      2.1
                             2.0
                                    1.6
                                           1.2
                                                 -0.6
                                                        -0.3
                                                                              3.8
                                                                                     4.6
                                                                                             5.1
   [96733]
               5.3
                      5.3
                             4.8
                                    3.6
                                           2.7
                                                  2.3
                                                         2.3
                                                                2.4
                                                                       2.2
                                                                              1.9
                                                                                     1.7
                                                                                             1.9
   [96745]
               2.7
                      2.5
                             1.9
                                    3.1
                                           3.4
                                                  3.5
                                                         4.1
                                                                5.6
                                                                       6.8
                                                                              7.7
                                                                                     8.1
                                                                                             9.3
##
   [96757]
                      9.2
                                                  7.7
                                                         7.6
                                                                7.3
                                                                       7.4
                                                                              7.4
                                                                                     7.2
##
               9.1
                             9.0
                                    7.6
                                           7.8
                                                                                            7.1
               7.0
   [96769]
                      6.8
                             5.0
                                    4.9
                                           4.2
                                                  3.6
                                                         2.5
                                                                2.1
                                                                       1.9
                                                                              2.4
                                                                                     3.0
                                                                                             3.2
##
   [96781]
               4.7
                      4.3
                             3.7
                                    2.6
                                           1.4
                                                  0.6
                                                         0.3
                                                                0.1
                                                                      -0.2
                                                                             -0.6
                                                                                    -1.0
                                                                                           -1.2
                                                                                     7.1
##
   [96793]
              -1.6
                     -1.6
                            -1.2
                                   -0.5
                                          -0.4
                                                 -0.4
                                                         1.0
                                                                3.8
                                                                       4.7
                                                                              6.3
                                                                                             7.4
##
   [96805]
               6.7
                      7.2
                             6.8
                                    5.4
                                           4.6
                                                  3.8
                                                         3.4
                                                                4.1
                                                                       4.3
                                                                              4.3
                                                                                     4.1
                                                                                             3.8
##
   [96817]
               3.8
                      3.9
                             3.9
                                    4.2
                                           4.5
                                                  4.4
                                                         4.4
                                                                6.5
                                                                       9.1
                                                                             10.4
                                                                                    11.2
                                                                                           11.7
   [96829]
                     12.2
                                           7.6
                                                                5.2
                                                                       4.9
                                                                              4.7
                                                                                     4.7
                                                                                             4.5
              12.5
                            11.6
                                    9.5
                                                  6.4
                                                         5.4
##
   [96841]
               4.4
                      4.4
                             4.4
                                    4.4
                                           4.5
                                                  4.5
                                                         6.5
                                                                8.6
                                                                      10.7
                                                                             11.8
                                                                                    12.6
                                                                                           13.2
##
   [96853]
              13.9
                     13.6
                            13.1
                                   11.6
                                          10.4
                                                  9.8
                                                         9.7
                                                                9.7
                                                                       9.6
                                                                              9.3
                                                                                     9.1
##
                                                                                            9.1
   [96865]
               9.5
                      9.7
                             9.3
                                    9.1
                                           9.5
                                                  9.4
                                                         9.7
                                                               11.0
                                                                      11.8
                                                                             13.1
                                                                                    13.6
                                                                                           13.5
   [96877]
              13.3
                     13.1
                            13.3
                                   12.4
                                          11.1
                                                 10.9
                                                        10.6
                                                               10.2
                                                                       9.9
                                                                              9.7
                                                                                     9.6
                                                                                            9.6
##
   [96889]
               9.4
                      9.7
                             9.8
                                    9.3
                                           8.0
                                                  7.9
                                                         8.2
                                                                9.6
                                                                      11.7
                                                                             12.2
                                                                                    12.2
                                                                                           12.4
##
   [96901]
              13.4
                     13.1
                            12.7
                                   12.0
                                          10.4
                                                  9.8
                                                         9.2
                                                                8.9
                                                                       8.7
                                                                              8.7
                                                                                    10.2
                                                                                           10.3
##
   [96913]
                      9.1
                             9.2
                                    8.0
                                           7.6
                                                  7.8
                                                                9.9
                                                                      10.8
                                                                             11.3
                                                                                    11.4
                                                                                           12.1
               9.8
                                                         8.3
   [96925]
              11.5
                     10.8
                             9.0
                                    8.2
                                           7.9
                                                  7.3
                                                         7.1
                                                                6.9
                                                                       6.4
                                                                              6.0
                                                                                     5.8
                                                                                            5.7
##
   [96937]
                                                                7.7
##
               5.8
                      5.5
                             5.2
                                    5.3
                                           5.4
                                                  5.4
                                                         5.7
                                                                       8.8
                                                                             10.0
                                                                                    11.3
                                                                                           12.4
   [96949]
                     11.4
                                           8.4
                                                         7.6
                                                                7.8
                                                                                     9.2
##
              11.7
                            10.4
                                    9.1
                                                  8.1
                                                                       8.3
                                                                              9.1
                                                                                            9.6
   [96961]
                             9.7
                                                                      12.9
              10.0
                      9.9
                                    9.4
                                           9.7
                                                 10.9
                                                        10.9
                                                               11.9
                                                                             13.7
                                                                                    13.4
                                                                                           13.9
                     12.4
   [96973]
              12.1
                            11.3
                                   10.8
                                          11.1
                                                 11.2
                                                        11.4
                                                               11.6
                                                                      11.5
                                                                             11.4
                                                                                    10.7
##
                                                                                           11.0
##
   [96985]
              10.3
                     10.7
                            10.9
                                   10.8
                                           9.9
                                                 10.5
                                                        10.5
                                                               11.3
                                                                      12.5
                                                                             12.8
                                                                                    13.3
                                                                                           13.8
   [96997]
                            10.5
                                   10.5
                                                                7.9
                                                                                     8.4
                                                                                            8.6
##
              11.0
                     10.7
                                           9.3
                                                  9.1
                                                         8.5
                                                                       8.2
                                                                              8.2
   [97009]
               8.5
                      8.4
                             9.0
                                    8.5
                                           8.3
                                                  8.2
                                                         8.5
                                                               11.1
                                                                      11.7
                                                                             11.5
                                                                                    11.5
                                                                                           12.2
                                                                                     7.8
##
   [97021]
              13.5
                     13.6
                            13.9
                                   14.0
                                          12.8
                                                 12.1
                                                        11.8
                                                                8.7
                                                                       8.7
                                                                              9.4
                                                                                            8.6
   [97033]
               8.5
                      7.9
                             7.6
                                    8.2
                                           7.9
                                                  8.2
                                                         7.5
                                                                8.3
                                                                       9.8
                                                                             11.0
                                                                                    10.1
                                                                                           11.3
##
   [97045]
              13.3
                     12.5
                            10.5
                                   10.2
                                           9.7
                                                  9.7
                                                         9.8
                                                                9.3
                                                                       8.0
                                                                              8.2
                                                                                     7.0
                                                                                            6.1
##
   [97057]
               5.8
                      5.7
                             5.6
                                    5.5
                                           5.6
                                                  5.6
                                                         6.0
                                                                6.8
                                                                       7.7
                                                                              8.6
                                                                                     9.7
                                                                                            9.4
## [97069]
               8.8
                      8.9
                             8.5
                                    7.7
                                           6.2
                                                  5.7
                                                         5.3
                                                                5.1
                                                                       5.1
                                                                              6.2
                                                                                     6.6
                                                                                             6.1
```

```
## [97081]
              6.4
                     6.4
                            5.5
                                   5.2
                                          4.9
                                                4.6
                                                       5.6
                                                              8.6 10.9 12.0 12.5
                           13.0
   [97093]
             13.6
                    13.4
                                 11.9
                                        10.5
                                               10.0
                                                      10.1
                                                             10.2
                                                                    10.2
                                                                            9.8
                                                                                 10.3
                                                                                        10.4
   [97105]
             10.6
                    10.7
                           10.7
                                   9.8
                                          9.6
                                                9.7
                                                      10.3
                                                             12.1
                                                                    13.3
                                                                          14.0
                                                                                 14.6
                                                                                        14.7
   [97117]
             14.9
                    14.5
                           13.9
                                  12.9
                                        12.1
                                               11.9
                                                      11.8
                                                             11.8
                                                                    11.8
                                                                          11.8
                                                                                 11.7
                                                                                        11.6
##
   [97129]
             11.2
                    10.8
                           10.7
                                  10.3
                                          9.9
                                                9.9
                                                      10.3
                                                             11.9
                                                                    12.4
                                                                          12.8
                                                                                 12.5
                                                                                        12.2
   [97141]
             12.3
                    10.9
                           11.5
                                  11.3
                                        10.0
                                                9.5
                                                       9.5
                                                              9.5
                                                                     9.4
                                                                            9.2
                                                                                  9.6
                                                                                         9.6
##
                                                       9.2
                                                             10.8
                                                                    10.7
                                                                            9.4
                                                                                 10.0
   [97153]
              8.9
                     8.6
                            8.4
                                   8.1
                                          8.3
                                                8.4
                                                                                        11.4
                                                              9.2
##
   [97165]
              9.5
                    10.0
                           10.6
                                   9.6
                                          8.8
                                                8.0
                                                       8.6
                                                                     9.9
                                                                            8.8
                                                                                  7.8
                                                                                         7.8
                                                                    10.6
##
   [97177]
              6.6
                     6.6
                            6.4
                                   6.9
                                          6.5
                                                5.7
                                                       6.5
                                                              9.5
                                                                          11.4
                                                                                 12.1
                                                                                        12.8
                                                              7.6
                                                                     7.4
##
   [97189]
             13.1
                    13.3
                           12.7
                                  11.4
                                          9.3
                                                8.8
                                                       8.3
                                                                            7.5
                                                                                  7.5
                                                                                         7.7
   [97201]
              8.1
                     8.0
                            8.1
                                   7.9
                                          8.0
                                                8.3
                                                       9.3
                                                             11.6
                                                                    13.2
                                                                          13.7
                                                                                 14.7
                                                                                        15.3
   [97213]
             15.9
                    15.8
                           15.4
                                        12.3
                                               11.3
                                                      10.9
                                                             10.4
                                                                    10.0
                                                                          10.0
                                                                                  9.9
                                                                                         9.9
##
                                  14.1
##
   [97225]
              9.7
                     9.6
                            9.5
                                   9.4
                                          9.5
                                                9.5
                                                      10.5
                                                             12.6
                                                                    14.3
                                                                          15.6
                                                                                 16.4
                                                                                        17.0
                                               11.9
             17.4
                    17.2
                                  15.2
                                                             11.5
                                                                    11.3
                                                                                 10.7
##
   [97237]
                           16.5
                                         13.1
                                                      11.5
                                                                          10.8
                                                                                        10.7
   [97249]
             10.9
                    11.1
                           10.5
                                   9.8
                                          8.9
                                                8.3
                                                       9.3
                                                             12.1
                                                                    14.2
                                                                          15.1
                                                                                 15.8
                                                                                        16.3
   [97261]
             17.0
                    16.7
                           16.0
                                  14.7
                                        12.8
                                               12.2
                                                      11.9
                                                             11.6
                                                                    11.4
                                                                          11.1
                                                                                 10.6
                                                                                        10.3
             10.2
                     9.3
                            9.4
                                   8.7
                                          8.2
                                                8.0
                                                             11.0
                                                                    12.4
                                                                          13.2
                                                                                 13.6
                                                                                        13.3
##
   [97273]
                                                       8.8
   [97285]
             14.4
                    14.4
                           13.7
                                  12.2
                                         10.3
                                                9.2
                                                       8.9
                                                              8.3
                                                                     8.1
                                                                            8.0
                                                                                  7.7
                                                                                         7.9
   [97297]
                            8.3
                                   8.0
                                          7.4
                                                7.2
                                                       7.6
                                                              8.6
                                                                     9.5
                                                                          10.1
                                                                                 10.7
                                                                                        11.2
              8.2
                     8.1
##
   [97309]
             11.1
                    11.2
                           10.9
                                  10.3
                                          9.5
                                                9.1
                                                       8.3
                                                              7.2
                                                                     6.2
                                                                            5.9
                                                                                  5.7
                                                                                         5.6
##
  [97321]
              5.9
                     6.3
                            6.4
                                   6.3
                                          6.1
                                                5.7
                                                       5.5
                                                              5.6
                                                                     6.3
                                                                            6.9
                                                                                  7.7
                                                                                         7.6
   [97333]
              7.5
                     7.8
                            7.5
                                   7.0
                                          6.1
                                                5.7
                                                              4.3
                                                                     4.0
                                                                            3.8
                                                                                  3.7
                                                                                         3.6
                                                       5.4
   [97345]
                                                       4.3
                                                                     6.4
                                                                            6.6
                                                                                  7.3
                                                                                         8.2
##
              3.5
                     3.5
                            3.6
                                   3.6
                                          3.5
                                                3.6
                                                              5.4
   [97357]
              8.8
                     8.8
                                                7.0
                                                              5.4
                                                                            3.4
                                                                                  2.6
                                                                                         2.2
##
                            9.0
                                   8.3
                                          7.4
                                                       6.7
                                                                     4.0
              1.8
                                                              4.4
                                                                                         8.8
##
   [97369]
                     1.5
                            1.3
                                   1.1
                                          0.9
                                                0.6
                                                       1.8
                                                                     6.1
                                                                            7.2
                                                                                  8.1
   [97381]
              9.0
                     9.0
                            8.5
                                   7.5
                                          5.2
                                                4.2
                                                       4.4
                                                              4.3
                                                                     3.5
                                                                            3.4
                                                                                  3.4
                                                                                         3.2
   [97393]
              3.0
                     2.9
                            3.2
                                   3.0
                                          2.7
                                                2.7
                                                       3.7
                                                              6.3
                                                                     8.1
                                                                            9.4
                                                                                 10.5
                                                                                        11.2
##
   [97405]
                                                                     5.3
                                                                                  5.1
##
             11.4
                    11.5
                           11.1
                                  10.0
                                          8.1
                                                7.1
                                                       6.3
                                                              5.8
                                                                            5.2
                                                                                         4.7
   [97417]
              4.8
                     4.5
                            4.4
                                   4.7
                                          4.1
                                                4.1
                                                       6.0
                                                              9.0
                                                                    11.0
                                                                          12.6
                                                                                 13.5
                                                                                        14.0
##
   [97429]
             14.2
                    14.2
                           14.0
                                  13.2
                                        11.9
                                               11.3
                                                      10.7
                                                             10.4
                                                                    10.3
                                                                          10.2
                                                                                 10.6
                                                                                        11.0
                           12.8
                                                                          11.3
   [97441]
             12.1
                    12.1
                                  12.7
                                        12.4
                                               12.0
                                                      11.9
                                                             12.3
                                                                    11.7
                                                                                 11.2
                                                                                        11.7
##
   [97453]
             14.0
                    13.4
                           12.6
                                  11.7
                                        10.0
                                                9.9
                                                      10.2
                                                              9.2
                                                                     7.6
                                                                            6.9
                                                                                  6.5
                                                                                         5.8
##
   [97465]
              5.4
                     5.0
                            4.5
                                   4.2
                                          3.9
                                                3.4
                                                       3.3
                                                              3.1
                                                                     3.4
                                                                            3.1
                                                                                  4.2
                                                                                         4.8
   [97477]
                     4.3
                                                4.7
                                                              4.3
                                                                     4.1
                                                                            4.2
                                                                                  4.0
                                                                                         4.0
##
              3.6
                            4.8
                                   4.9
                                          4.7
                                                       4.5
   [97489]
              3.5
                     3.1
                            2.7
                                   2.1
                                          1.9
                                                1.8
                                                       2.3
                                                              3.2
                                                                     4.6
                                                                            5.9
                                                                                  7.0
                                                                                         7.9
   [97501]
              8.7
                     8.6
                                          5.4
                                                4.7
                                                       4.2
                                                              3.6
                                                                     3.0
                                                                            2.7
                                                                                         2.4
##
                            8.1
                                   7.1
                                                                                  3.1
   [97513]
              2.6
                     2.6
                            2.6
                                   2.2
                                          1.6
                                                2.3
                                                       3.0
                                                              3.2
                                                                     3.7
                                                                            4.4
                                                                                  5.8
                                                                                         7.4
   [97525]
              6.4
                     6.0
                            5.7
                                   5.7
                                          4.5
                                                3.7
                                                       3.3
                                                              3.1
                                                                     3.2
                                                                            3.2
                                                                                  3.1
                                                                                         3.0
##
   [97537]
              2.8
                     2.6
                            2.6
                                   2.4
                                          2.1
                                                1.9
                                                       2.6
                                                              4.1
                                                                     5.8
                                                                            6.3
                                                                                  7.2
                                                                                         7.8
##
   [97549]
              8.6
                     8.6
                            8.0
                                   7.6
                                                       4.3
                                                                     3.5
                                                                            3.4
                                                                                  3.4
                                                                                         3.3
##
                                          5.9
                                                5.1
                                                              3.7
   [97561]
              3.8
                                                                            7.1
                                                                                  8.1
                                                                                         8.6
                     3.5
                            2.2
                                   1.9
                                          1.9
                                                1.9
                                                       3.7
                                                              5.5
                                                                     6.4
   [97573]
              8.8
                     8.9
                            8.5
                                   7.5
                                          5.7
                                                5.0
                                                       4.6
                                                              4.5
                                                                     4.5
                                                                            4.6
                                                                                  4.5
                                                                                         4.3
##
   [97585]
                                                                          10.9
##
              4.1
                     3.6
                            3.2
                                   3.4
                                          3.6
                                                3.7
                                                       5.1
                                                              7.4
                                                                     9.3
                                                                                 12.4
                                                                                        13.2
                                                                                  5.4
##
   [97597]
             13.4
                    13.3
                           12.8
                                  11.6
                                          8.8
                                                7.8
                                                       7.2
                                                              6.7
                                                                     6.1
                                                                            5.7
                                                                                         5.2
   [97609]
                                                                                 10.9
              5.1
                     5.2
                            6.0
                                   6.8
                                          6.6
                                                6.2
                                                       6.5
                                                              7.5
                                                                     9.0
                                                                          10.1
                                                                                        11.5
                                                       7.1
   [97621]
             14.1
                    13.8
                           13.1
                                  11.8
                                          9.2
                                                8.1
                                                              6.4
                                                                     5.9
                                                                            5.6
                                                                                  5.4
                                                                                         4.9
##
##
   [97633]
              4.6
                     4.5
                            4.5
                                   4.5
                                          4.0
                                                3.8
                                                       5.7
                                                              9.0
                                                                    11.6
                                                                          13.4
                                                                                 14.6
                                                                                        15.6
                                                       9.5
                                                                                  8.9
                                                                                         8.8
##
   [97645]
             16.0
                    15.5
                           14.9
                                  13.7
                                         10.8
                                                9.7
                                                              9.3
                                                                     9.1
                                                                            9.0
   [97657]
              8.8
                     8.9
                            7.7
                                   6.5
                                          5.8
                                                4.6
                                                       7.3
                                                              9.5
                                                                    10.5
                                                                          11.9
                                                                                 13.0
                                                                                        13.8
   [97669]
             14.3
                    14.3
                           13.8
                                  11.7
                                          9.1
                                                8.1
                                                       7.5
                                                              6.9
                                                                     6.4
                                                                            6.1
                                                                                  6.2
                                                                                         6.0
              5.6
                                   4.9
                                          4.6
                                                4.3
                                                       5.8
                                                              8.5
                                                                    10.7
                                                                                 12.8
##
   [97681]
                     5.3
                            5.1
                                                                          12.0
                                                                                        13.3
## [97693]
             14.0
                    13.8
                           13.2
                                  12.3
                                        10.7
                                               10.5
                                                      10.9
                                                             10.1
                                                                     9.4
                                                                            9.0
                                                                                  8.5
                                                                                         8.3
## [97705]
              7.8
                     7.1
                            5.5
                                   3.7
                                          0.6
                                               -1.0
                                                      -1.4
                                                             -1.2
                                                                    -0.9
                                                                          -0.4
                                                                                  0.5
                                                                                         2.1
                                               -1.2
                                                             -2.0
## [97717]
              0.7
                     0.7
                            0.4
                                   0.0
                                        -0.6
                                                      -1.9
                                                                   -2.0
                                                                          -2.1
                                                                                 -2.4
```

```
## [97729]
             -2.9 -2.9 -3.0 -2.9
                                      -2.8 -2.8
                                                    -2.4
                                                           -1.6 -0.8
                                                                         0.0
                                                                                0.8
                                                                                       2.3
             -1.1
                                                           -2.1
                                                                        -2.1
                          -1.0
                                -1.6
                                             -2.0
                                                    -2.0
                                                                  -2.1
                                                                               -2.0
                                                                                     -2.0
## [97741]
                   -1.0
                                       -2.1
  [97753]
             -2.1
                   -2.2
                          -2.0
                                 -1.7
                                       -1.5
                                              -1.2
                                                    -0.6
                                                            0.0
                                                                   0.4
                                                                         1.0
                                                                                2.4
                                                                                       4.2
   [97765]
              3.7
                     4.6
                           4.8
                                  4.7
                                        3.5
                                               2.6
                                                     2.3
                                                            1.8
                                                                   1.4
                                                                         1.3
                                                                                1.1
                                                                                       1.0
##
   [97777]
              0.8
                     0.4
                          -0.1
                                 -0.6
                                       -1.0
                                              -1.1
                                                     0.9
                                                            2.8
                                                                   4.3
                                                                         5.7
                                                                                7.2
                                                                                       8.1
   [97789]
              9.6
                    9.9
                           9.9
                                  9.2
                                        7.6
                                               7.1
                                                      6.8
                                                            7.3
                                                                   7.2
                                                                         7.2
                                                                                5.8
##
                                                                                       5.3
   [97801]
              4.2
                                                                         7.2
                     3.4
                           2.9
                                  2.5
                                        2.2
                                               2.0
                                                      3.9
                                                            5.1
                                                                   6.4
                                                                                8.0
                                                                                       8.4
  [97813]
              7.7
                                                                   2.6
                                                                         2.2
##
                     8.3
                           7.8
                                  6.9
                                        5.6
                                               5.9
                                                      4.9
                                                            3.6
                                                                                1.8
                                                                                       1.1
##
   [97825]
              0.9
                     0.9
                           0.8
                                  0.7
                                        0.8
                                               1.2
                                                      3.9
                                                            5.9
                                                                   7.5
                                                                         8.7
                                                                                9.7
                                                                                     10.2
                   10.0
##
   [97837]
             10.1
                           9.6
                                  9.0
                                        7.4
                                               6.6
                                                      6.0
                                                            5.8
                                                                   6.2
                                                                         6.3
                                                                                6.6
                                                                                       6.5
   [97849]
              6.3
                    5.9
                           5.6
                                  5.7
                                        5.8
                                               6.0
                                                      8.3
                                                           10.9
                                                                  12.8
                                                                        14.1
                                                                               15.0
                                                                                     15.2
   [97861]
             16.1
                   15.8
                          15.1
                                       11.8
                                              10.5
                                                            9.4
                                                                   8.9
                                                                         8.3
                                                                                7.6
                                                                                      7.2
                                 14.0
                                                      9.9
##
   [97873]
              6.8
                    6.6
                           6.9
                                  6.8
                                        6.5
                                               7.0
                                                      9.0
                                                           11.2
                                                                  12.9
                                                                        14.6
                                                                               15.3
                                                                                     15.7
   [97885]
             12.4
##
                   13.7
                          14.0
                                 13.3
                                       11.4
                                              10.2
                                                      9.8
                                                            9.0
                                                                   8.3
                                                                         7.7
                                                                                7.4
                                                                                      7.2
   [97897]
              6.9
                     6.3
                           5.3
                                  5.1
                                        4.9
                                                      6.2
                                                            7.4
                                                                   8.1
                                                                         8.6
                                                                                9.0
                                                                                       9.0
                                               5.1
   [97909]
              9.9
                    9.9
                           9.6
                                  8.9
                                        7.4
                                               6.0
                                                      5.2
                                                            4.6
                                                                   3.9
                                                                         3.3
                                                                                2.9
                                                                                       2.5
   [97921]
              2.3
                    2.3
                                                            7.4
                                                                        10.2
                                                                               11.2
                                                                                     12.0
##
                           2.1
                                  2.1
                                        2.2
                                               2.2
                                                     5.0
                                                                   8.9
   [97933]
             12.4
                   12.3
                          11.8
                                 10.6
                                        8.3
                                               7.4
                                                     7.0
                                                            6.4
                                                                   5.9
                                                                         5.3
                                                                                4.5
                                                                                       4.2
                           3.5
                                                           10.1
   [97945]
              3.9
                    3.6
                                  3.4
                                               3.5
                                                                  12.7
                                                                        14.2
                                        3.4
                                                     6.9
                                                                              15.4
                                                                                     16.2
   [97957]
             16.2
                   16.2
                          15.9
                                 15.0
                                       13.3
                                              11.6
                                                    11.1
                                                           11.3
                                                                  11.3
                                                                        11.1
                                                                               10.6
                                                                                     10.5
                                              11.4
##
  [97969]
             10.5
                   10.4
                          10.6
                                10.8
                                       11.3
                                                    12.7
                                                           13.9
                                                                  14.7
                                                                        16.1
                                                                               15.3
                                                                                     15.3
   [97981]
             17.9
                   17.7
                          17.1
                                 16.0
                                       13.3
                                              11.7
                                                    12.0
                                                           11.8
                                                                  11.5
                                                                        11.1
                                                                               10.9
   [97993]
             10.5
                   10.1
                           9.6
                                  9.1
                                        8.3
                                               7.5
                                                    10.1
                                                           12.4
                                                                  14.7
                                                                        16.4
                                                                              17.7
##
                                                                                     18.5
   [98005]
             19.3
                   19.0
                          18.4
                                17.3
                                       15.2
                                              13.2
                                                    12.3
                                                           12.1
                                                                  12.1
                                                                        11.8
##
                                                                               11.4
                                                                                     11.1
                                                    12.0 14.6
##
   [98017]
             10.6
                   10.4
                          10.2
                                 10.1
                                        9.9
                                              10.3
                                                                 16.6
                                                                        17.7
                                                                               17.7
                                                                                     17.4
   [98029]
             20.1
                   19.5
                          18.9
                                 17.6
                                       15.1
                                              12.9
                                                    12.2
                                                          11.8
                                                                  11.3
                                                                        10.7
                                                                               10.2
                                                                                      9.5
   [98041]
              9.5
                    9.6
                           9.5
                                  9.1
                                        9.2
                                               9.8
                                                    12.4
                                                           14.5
                                                                  16.0
                                                                        17.2
                                                                               18.1
                                                                                     18.5
##
   [98053]
             19.6
                          18.2
                                 17.1
                                       15.1
                                              13.6
                                                    13.0
                                                           12.5
##
                   19.1
                                                                  11.7
                                                                        11.2
                                                                               10.7
                                                                                     10.3
             10.0
   [98065]
                    9.7
                           9.6
                                  9.5
                                        9.3
                                               9.6
                                                    12.5
                                                           15.1
                                                                  16.8
                                                                        18.0
                                                                               18.5
                                                                                     18.5
##
   [98077]
             20.0
                   19.2
                          18.2
                                 16.9
                                       14.6
                                              12.4
                                                    11.7
                                                           11.2
                                                                  10.9
                                                                        10.8
                                                                               10.7
                                                                                     10.5
   [98089]
             10.3
                   10.5
                          10.3
                                 10.1
                                        9.8
                                              10.4
                                                    12.6
                                                           14.6
                                                                  16.0
                                                                        17.0
                                                                               17.6
                                                                                     18.3
##
   [98101]
             19.6
                   18.8
                          17.7
                                 16.5
                                       14.5
                                              13.2
                                                    12.6
                                                           12.4
                                                                  12.1
                                                                        12.6
                                                                               12.6
                                                                                     12.4
   [98113]
             12.9
                   13.0
                          12.5
                                 11.9
                                       12.0
                                              12.3
                                                    14.2
                                                           15.4
                                                                  16.7
                                                                        15.5
                                                                               15.0
                                                                                      12.6
   [98125]
                                 7.8
                                        7.3
                                               5.9
                                                     5.6
                                                            5.6
                                                                   5.4
                                                                         5.1
                                                                                4.6
                                                                                      3.9
              9.9
                    9.8
                           8.8
   [98137]
              3.4
                     3.0
                           2.8
                                  3.4
                                        4.2
                                               4.7
                                                     5.4
                                                            6.2
                                                                   7.0
                                                                         7.5
                                                                                8.0
                                                                                       8.5
                                                                   4.8
   [98149]
              8.6
                    8.7
                           8.5
                                 7.8
                                        6.6
                                               6.0
                                                     5.6
                                                            5.2
                                                                         5.2
                                                                                5.3
                                                                                       5.2
##
   [98161]
              4.9
                     4.7
                           4.5
                                  4.2
                                        4.1
                                               4.3
                                                      5.0
                                                            5.9
                                                                   6.7
                                                                         7.5
                                                                                8.4
                                                                                       9.3
   [98173]
             10.7
                   11.0
                          11.1
                                 10.7
                                        9.4
                                               7.9
                                                     7.6
                                                            7.6
                                                                   7.5
                                                                         6.4
                                                                                6.2
                                                                                       7.1
##
   [98185]
              7.1
                    7.0
                           6.9
                                  6.6
                                        7.0
                                               7.3
                                                     8.5
                                                            9.8
                                                                  10.7
                                                                        10.4
                                                                               12.1
                                                                                      12.4
##
                                       10.7
   [98197]
             12.6
                   12.8
                          12.6
                                12.1
                                               8.3
                                                     7.9
                                                            8.1
                                                                   7.4
                                                                         7.4
                                                                                6.7
                                                                                       6.3
##
   [98209]
                    5.3
                                               5.7
                                                     9.0
                                                           11.8
                                                                  13.4
                                                                        14.4
                                                                               14.8
                                                                                     14.9
              5.8
                           5.7
                                  5.7
                                        5.5
   [98221]
             15.0
                   14.8
                          14.5
                                 13.6
                                       12.1
                                              10.7
                                                    10.0
                                                            9.5
                                                                   9.0
                                                                         8.9
                                                                                8.9
                                                                                      8.7
                                        9.6
                                                           16.1
   [98233]
              8.8
                    8.4
                           8.4
                                  8.9
                                              10.5
                                                    13.0
                                                                  17.8
                                                                        19.0
                                                                               19.6
                                                                                     20.0
             19.9
                                       15.5
##
   [98245]
                   19.4
                          18.6
                                 17.5
                                              12.9
                                                    12.1
                                                           12.1
                                                                  11.8
                                                                        11.5
                                                                               11.1
                                                                                     10.9
                                       10.3
   [98257]
             11.1
                   10.7
                          10.8
                                 10.8
                                              10.9
                                                    12.4
                                                           14.7
                                                                  16.4
                                                                        17.9
                                                                               19.0
                                                           12.1
   [98269]
             21.2
                   20.7
                          20.0
                                 18.6
                                       15.9
                                              13.0
                                                    12.5
                                                                  11.3
                                                                        11.0
                                                                              10.7
                                                                                     10.3
##
   [98281]
              9.9
                    9.5
                           9.1
                                  8.9
                                        8.9
                                               9.6
                                                    12.0
                                                           14.2
                                                                  16.1
                                                                        17.1
                                                                               17.8
                                                                                     18.2
   [98293]
             19.1
                   18.3
                          17.4
                                 16.2
                                       14.5
                                              12.4
                                                    12.1
                                                           11.9
                                                                  12.1
                                                                        11.9
                                                                               11.8
                                                                                     11.1
   [98305]
             10.5
                   10.0
                           9.6
                                 9.3
                                        8.9
                                               9.3
                                                    12.1
                                                           15.1
                                                                  16.4
                                                                        16.6
                                                                               17.2
                                                                                     17.9
                                                                                7.8
   [98317]
             17.4
                   16.9
                          16.0
                                 14.9
                                       12.8
                                              11.0
                                                    10.1
                                                            9.4
                                                                   8.7
                                                                         8.2
                                                                                      7.5
## [98329]
              6.9
                                  5.7
                                        5.5
                                               6.4
                                                     8.7
                                                           10.5
                                                                  11.8
                                                                        12.8
                                                                               13.9
                                                                                     14.5
                    6.3
                           6.0
## [98341]
             13.5
                   13.2
                          12.5
                                 11.6
                                       10.0
                                               8.7
                                                     8.3
                                                            7.8
                                                                   7.4
                                                                         7.2
                                                                                7.0
                                                                                      6.8
                                                                  10.6
## [98353]
              6.5
                    5.9
                           5.4
                                  4.9
                                        4.5
                                               5.4
                                                     7.8
                                                            9.4
                                                                        11.5
                                                                               12.2
                                                                                     12.7
## [98365]
             13.1
                   13.2 13.1 12.3
                                       11.0
                                               9.6
                                                     9.2
                                                            8.7
                                                                   8.4
                                                                         8.1
                                                                                7.7
                                                                                      7.3
```

```
## [98377]
              6.9
                     6.4
                           6.1
                                  5.6
                                         5.3
                                                7.0
                                                      9.8
                                                            11.9
                                                                   13.3
                                                                         14.3
                                                                                14.7
                                                                                       15.2
   [98389]
             16.1
                    15.8
                                 14.1
                                                     10.1
                                                             9.4
                                                                    8.8
                                                                           7.9
                                                                                 7.2
                                                                                        6.6
                           15.1
                                        12.5
                                               10.8
   [98401]
                                                                                       12.6
              6.0
                     5.2
                           4.3
                                  3.6
                                         2.9
                                                4.6
                                                      7.3
                                                             8.8
                                                                    9.8
                                                                         10.9
                                                                                11.9
                                                                    5.1
                                                                           4.9
                                                                                        4.2
   [98413]
             12.0
                    12.1
                           11.9
                                 11.2
                                         9.7
                                                7.4
                                                      6.8
                                                             5.8
                                                                                 4.4
##
   [98425]
              4.2
                     3.9
                           3.6
                                  3.4
                                         3.2
                                                4.9
                                                      8.1
                                                            10.4
                                                                   12.7
                                                                         14.3
                                                                                15.4
                                                                                       16.1
   [98437]
             16.1
                    16.3
                          16.0
                                 15.1
                                        12.6
                                                9.5
                                                      8.3
                                                             8.2
                                                                    8.5
                                                                           7.8
                                                                                 7.6
                                                                                        7.0
##
   [98449]
                                         6.2
                                                8.0
                                                     11.4
                                                            14.3
                                                                   16.3
                                                                         17.4
                                                                                18.0
              6.5
                     6.2
                           6.3
                                  6.3
                                                                                10.6
                                        15.8
                                                     12.2
                                                                   12.1
   [98461]
             18.3
                    18.2
                           17.8
                                 17.2
                                               13.6
                                                            11.8
                                                                         11.0
                                                                                        9.7
                                                            11.7
##
   [98473]
              9.2
                     8.9
                           8.4
                                  7.3
                                         6.4
                                                8.7
                                                     10.3
                                                                   12.2
                                                                         13.0
                                                                                13.5
                                                                                       13.6
                                                                                 6.9
##
   [98485]
             14.3
                    14.4
                           14.1
                                 13.4
                                        12.1
                                                9.9
                                                      9.0
                                                             8.5
                                                                    7.9
                                                                           7.3
                                                                                        6.9
   [98497]
              7.0
                     6.9
                           6.9
                                  6.7
                                         6.6
                                                8.0
                                                      9.3
                                                            10.2
                                                                   10.7
                                                                         11.1
                                                                                11.6
                                                                                       11.8
   [98509]
             11.8
                    11.3
                           10.5
                                  9.2
                                         7.7
                                                6.4
                                                       5.9
                                                             5.4
                                                                    5.0
                                                                           4.9
                                                                                 4.8
                                                                                        4.7
##
##
   [98521]
              4.7
                     4.5
                           4.3
                                  3.8
                                         3.2
                                                4.4
                                                       6.3
                                                             7.9
                                                                    8.9
                                                                           9.8
                                                                                10.4
                                                                                       10.8
   [98533]
                     9.3
                           9.5
                                  8.9
                                                             4.9
                                                                                 3.5
##
              9.4
                                         7.7
                                                6.3
                                                       5.6
                                                                    4.4
                                                                           4.0
                                                                                        3.0
   [98545]
              2.7
                     2.4
                           2.2
                                  2.1
                                         1.9
                                                3.5
                                                       5.8
                                                             7.7
                                                                    9.3
                                                                         10.8
                                                                                11.7
                                                                                       12.2
##
   [98557]
             12.2
                    12.1
                           11.4
                                 10.6
                                         8.9
                                                7.1
                                                       6.4
                                                             5.7
                                                                    5.2
                                                                           4.9
                                                                                 4.4
                                                                                        4.0
   [98569]
              3.5
                     3.3
                           3.3
                                  3.1
                                         2.9
                                                4.8
                                                      7.2
                                                             9.2
                                                                         12.9
                                                                                14.0
                                                                                       14.4
##
                                                                   11.3
   [98581]
             14.0
                    13.7
                           13.1
                                 12.2
                                        10.5
                                                8.4
                                                      7.7
                                                             7.1
                                                                    6.5
                                                                           5.9
                                                                                 5.2
                                                                                        4.4
                                                                                14.7
   [98593]
                     3.9
                           3.2
                                  2.6
                                         2.4
                                                5.4
                                                            10.9
                                                                   12.2
                                                                         13.3
                                                                                       15.4
              4.2
                                                      8.6
   [98605]
             15.6
                    15.6
                          15.1
                                 14.5
                                        13.1
                                               10.4
                                                      9.2
                                                             8.1
                                                                    7.4
                                                                           7.3
                                                                                 7.5
                                                                                        7.6
##
   [98617]
              7.3
                     6.4
                           5.7
                                  5.3
                                         5.0
                                                8.2
                                                     11.7
                                                            13.1
                                                                   13.8
                                                                         14.7
                                                                                15.3
                                                                                       15.5
   [98629]
             15.5
                    15.0
                           14.0
                                 12.7
                                        11.0
                                                9.1
                                                       8.3
                                                             7.5
                                                                    6.8
                                                                           6.3
                                                                                 6.0
                                                                                        6.0
   [98641]
              5.4
                     5.0
                           4.5
                                  4.1
                                         3.9
                                                                   10.0
                                                                         10.6
                                                                                11.1
##
                                                5.8
                                                      8.1
                                                             9.5
                                                                                       11.3
   [98653]
             11.8
                    11.7
                          11.4
                                 10.6
                                         9.3
                                                7.5
                                                       6.8
                                                             6.2
                                                                    5.8
                                                                           5.8
                                                                                 5.7
##
                                                                                        5.5
                                                             8.6
                                                                    9.1
                                                                         10.2
                                                                                11.2
                                                                                       11.5
##
   [98665]
              5.2
                     5.1
                           5.8
                                  5.5
                                         5.3
                                                6.2
                                                      7.7
   [98677]
             12.8
                    12.8
                          12.7
                                 12.1
                                        10.9
                                                8.4
                                                      7.4
                                                             6.7
                                                                    6.1
                                                                           5.8
                                                                                 5.5
                                                                                        5.2
   [98689]
              4.9
                     4.4
                           5.1
                                  5.0
                                         4.5
                                                6.5
                                                      8.8
                                                            10.8
                                                                   12.1
                                                                         13.1
                                                                                13.9
                                                                                       15.0
##
   [98701]
                    18.2
                          17.4
                                 16.0
                                                     10.5
                                                             9.4
                                                                           7.9
                                                                                 7.4
##
             18.4
                                        13.3
                                               11.0
                                                                    8.4
                                                                                        6.9
              6.5
   [98713]
                     6.2
                           6.1
                                  6.0
                                         6.0
                                                7.8
                                                      9.7
                                                            11.0
                                                                   10.6
                                                                         11.1
                                                                                12.8
                                                                                       15.3
##
   [98725]
             15.1
                    16.3
                          15.9
                                 14.9
                                        13.9
                                              12.3
                                                     11.7
                                                            11.1
                                                                   10.7
                                                                         10.3
                                                                                10.0
                                                                                        9.8
##
   [98737]
              9.9
                    10.1
                           10.2
                                 10.2
                                        10.3
                                               11.3
                                                     12.6
                                                            13.5
                                                                   13.8
                                                                         14.0
                                                                                15.4
                                                                                       17.4
##
   [98749]
             14.4
                    14.0
                           14.8
                                 15.2
                                        15.7
                                               14.9
                                                     13.8
                                                            12.9
                                                                   12.0
                                                                         11.3
                                                                                10.8
                                                                                       10.5
   [98761]
             10.2
                     9.9
                           9.7
                                  9.6
                                         9.6
                                              10.6
                                                     12.9
                                                            15.4
                                                                   15.5
                                                                         15.9
                                                                                16.1
                                                                                       16.3
             17.0
   [98773]
                    17.0
                          16.8
                                        15.0
                                              14.2
                                                     13.5
                                                            13.0
                                                                   12.7
                                                                         12.5
                                                                                13.4
                                 16.4
                                                                                       12.2
   [98785]
             11.3
                    10.9
                          10.7
                                 10.8
                                         9.4
                                              10.3
                                                     12.1
                                                            14.1
                                                                   13.3
                                                                         13.9
                                                                                13.5
                                                                                       11.8
   [98797]
             11.4
                   11.3
                          11.2
                                 11.0
                                        11.3
                                              11.0
                                                     10.8
                                                            11.0
                                                                   11.0
                                                                         10.9
                                                                                10.4
##
                                                                                       10.1
   [98809]
             10.0
                    10.1
                          10.1
                                  9.9
                                        10.0
                                              11.6
                                                     12.1
                                                            12.6
                                                                   12.9
                                                                         12.9
                                                                                13.3
   [98821]
             14.6
                    15.7
                           15.3
                                 14.3
                                        13.4
                                              11.3
                                                     12.3
                                                            12.0
                                                                   11.7
                                                                         11.3
                                                                                10.5
                                                                                       10.3
##
   [98833]
             11.1
                    10.5
                           9.9
                                 10.3
                                        10.5
                                              11.5
                                                     14.9
                                                            15.9
                                                                   16.6
                                                                         15.3
                                                                                15.1
                                                                                       14.6
##
   [98845]
             17.9
                    17.6
                          16.8
                                 15.8
                                        14.6
                                              13.1
                                                     12.9
                                                            12.6
                                                                   12.0
                                                                         11.9
                                                                                12.5
                                                                                       12.7
##
                                                                   18.3
                          13.1
                                 12.9
                                        12.8
                                              14.5
                                                     15.8
                                                            17.4
   [98857]
             13.0
                    12.7
                                                                         17.6
                                                                                17.4
   [98869]
             16.4
                   18.7
                          15.9
                                 15.5
                                        14.5
                                              14.7
                                                     14.1
                                                            13.3
                                                                   11.4
                                                                         12.0
                                                                                11.2
                                                                                       11.8
   [98881]
                                 11.6
                                        10.9
                                              11.8
##
             12.2
                    11.8
                          11.8
                                                     11.3
                                                            11.6
                                                                   11.6
                                                                         11.7
                                                                                11.0
                                                                                       11.1
                                                                   10.9
##
   [98893]
             15.7
                    15.9
                          14.2
                                 13.0
                                        12.2
                                              11.1
                                                     10.9
                                                            10.9
                                                                         11.0
                                                                                11.0
                                                                                       11.0
   [98905]
                                        10.5
                                                                   12.9
             10.9
                    11.1
                          10.9
                                 10.8
                                              11.5
                                                     12.1
                                                            12.7
                                                                         13.0
                                                                                12.8
                                                                                       13.4
                                                             9.4
   [98917]
             15.1
                    15.4
                           15.7
                                 15.3
                                        14.5
                                               11.4
                                                      9.9
                                                                    9.3
                                                                           8.8
                                                                                 8.3
                                                                                        9.1
##
                                                            12.0
                                                                   13.1
##
   [98929]
              9.2
                     8.9
                           8.8
                                  9.1
                                         8.6
                                                9.5
                                                     10.7
                                                                         14.1
                                                                                14.8
                                                                                       15.3
   [98941]
                           13.8
                                 13.0
                                                                    7.6
                                                                           7.1
                                                                                 6.6
                                                                                        6.2
##
             14.4
                    14.1
                                        11.6
                                                9.5
                                                      8.7
                                                             8.1
   [98953]
              5.8
                     5.4
                           5.1
                                  5.3
                                         5.7
                                                7.6
                                                      9.9
                                                            11.6
                                                                   12.7
                                                                         13.8
                                                                                14.6
                                                                                       15.2
                                                                    7.5
                                                                           7.4
                                                                                 7.4
   [98965]
             13.4
                    13.5
                           13.4
                                 13.0
                                        12.2
                                                9.8
                                                      8.8
                                                             8.2
                                                                                        7.2
   [98977]
              6.6
                     6.1
                           5.9
                                         6.6
                                                9.2
                                                     12.1
                                                            13.9
                                                                   15.3
                                                                         14.8
                                                                                16.6
                                                                                       17.0
##
                                  6.1
## [98989]
             16.6
                    16.7
                           16.4
                                 15.7
                                        14.8
                                               12.6
                                                     11.6
                                                            10.7
                                                                    9.6
                                                                           9.1
                                                                                 8.7
                                                                                        7.8
## [99001]
              7.9
                     8.2
                           8.3
                                  8.4
                                         8.4
                                                9.6
                                                     10.9
                                                            11.9
                                                                   13.0
                                                                         13.6
                                                                                14.3
                                                                                       14.9
## [99013]
             14.4
                    13.6
                          13.5
                                12.8
                                        11.7
                                              10.7
                                                     10.5
                                                            10.0
                                                                    9.2
                                                                           8.7
                                                                                 8.6
                                                                                        7.5
```

```
## [99025]
             6.9
                    7.4
                          6.6
                                 4.9
                                       5.3
                                              8.5
                                                    9.9
                                                          11.6
                                                                12.9
                                                                       14.1
                                                                             14.4
                          14.6
   [99037]
             15.0
                   15.0
                                      13.3
                                             10.2
                                                    9.8
                                                           9.4
                                                                 9.5
                                                                        9.0
                                                                              7.1
                                                                                     7.3
                                14.3
   [99049]
             6.9
                    6.8
                          6.4
                                 6.2
                                       5.2
                                              7.0
                                                    8.4
                                                           9.8
                                                                10.9
                                                                       12.3
                                                                             13.2
                                                                                    13.4
   [99061]
                                                                 7.3
                                                                              6.8
             11.7
                   12.3
                         12.6
                                11.6
                                      11.4
                                             10.3
                                                    8.1
                                                           7.6
                                                                        7.1
                                                                                     6.7
   [99073]
             7.0
                    6.7
                          5.7
                                 5.0
                                       5.5
                                              8.5
                                                   11.1
                                                          12.8
                                                                14.2
                                                                       15.1
                                                                             15.8
                                                                                    16.3
   [99085]
                   15.7
                          15.4
                                14.7
                                      13.5
                                             11.2
                                                   10.2
                                                           9.4
                                                                 8.1
                                                                        7.4
                                                                              7.1
##
             15.7
                                                                                     7.0
   [99097]
                    7.0
                                 6.2
                                       6.9
                                              9.8
                                                   12.6
                                                          14.2
                                                                15.6
                                                                       16.7
                                                                             17.5
             7.1
                          6.8
                                                                                    17.9
                   17.9
                                      14.8
                                                   10.0
                                                           9.2
   [99109]
             18.1
                          17.5
                                16.2
                                            11.0
                                                                 8.7
                                                                        8.2
                                                                              8.0
                                                                                     8.0
##
   [99121]
             8.3
                    8.4
                          8.4
                                 8.6
                                       9.2
                                             10.8
                                                   12.3
                                                          12.2
                                                                11.5
                                                                       12.9
                                                                             15.4
                                                                                    16.3
##
   [99133]
             17.2
                   17.3
                          14.7
                                13.0
                                      13.5
                                             11.8
                                                  11.0
                                                          11.1
                                                                11.4
                                                                       11.7
                                                                             11.2
                                                                                    11.1
   [99145]
             9.8
                    9.9
                          9.4
                                10.4
                                      10.7
                                             13.1
                                                   14.9
                                                          17.3
                                                                19.0
                                                                       20.2
                                                                             19.6
                                                                                    21.0
   [99157]
             22.8
                   21.8
                         21.4
                                20.2
                                      19.6
                                             18.1
                                                   16.6
                                                          16.2
                                                                15.1
                                                                       14.1
                                                                             13.6
                                                                                    14.0
##
   [99169]
             13.8
                   11.6
                         10.4
                                 9.9
                                      11.4
                                             15.0
                                                   17.4
                                                          19.1
                                                                20.5
                                                                       21.5
                                                                             22.2
                                                                                    22.5
   [99181]
             23.9
                         23.6
                                22.7
                                      21.3
                                             18.3
                                                          13.2
                                                                13.0
                                                                       12.2
                                                                             11.5
##
                   23.8
                                                   15.8
                                                                                    11.1
   [99193]
            10.8
                   10.6
                         10.5
                                10.3
                                      11.5
                                             14.6
                                                   16.7
                                                          18.6
                                                                19.9
                                                                       20.9
                                                                             21.9
                                                                                    22.4
   [99205]
             23.0
                   22.6
                          22.1
                                21.0
                                      19.2
                                             15.9
                                                   13.9
                                                          12.9
                                                                12.2
                                                                       11.7
                                                                             11.3
                                                                                    10.8
   [99217]
             10.4
                   10.1
                          9.9
                                 9.6
                                      11.3
                                             15.1
                                                   17.8
                                                          20.0
                                                                21.5
                                                                       22.8
                                                                             24.1
                                                                                    25.3
##
   [99229]
             25.8
                   25.0
                         24.1
                                23.0
                                      21.4
                                             18.5
                                                   16.8
                                                          15.5
                                                                14.8
                                                                       14.4
                                                                             14.4
   [99241]
                   15.0
                         15.0
                                15.2
                                      16.1
                                             18.3
                                                   19.7
                                                          20.7
                                                                21.7
                                                                       22.6
                                                                             23.4
                                                                                    23.3
             15.2
  [99253]
             23.2
                   23.1
                         22.6
                                21.7
                                      20.0
                                             16.5
                                                   14.5
                                                          13.4
                                                                12.8
                                                                       12.6
                                                                             12.5
                                                                                    12.8
##
  [99265]
             12.7
                   12.7
                         12.9
                                12.6
                                      13.6
                                             16.3
                                                   18.6
                                                          20.5
                                                                22.3
                                                                       23.2
                                                                             23.9
                                                                                    23.7
  [99277]
             23.7
                   23.0
                         22.1
                                20.6
                                      19.0
                                             16.4
                                                   14.4
                                                          13.3
                                                                12.8
                                                                       13.4
                                                                             13.3
   [99289]
             12.0
                   11.5
                         11.4
                                10.9
                                      12.3
                                             14.6
                                                   16.5
                                                          18.1
                                                                19.1
                                                                       19.9
                                                                             20.6
                                                                                    20.2
##
   [99301]
             21.9
                   21.4
                         20.4
                                19.1
                                      17.7
                                             15.5
                                                   14.4
                                                          13.9
                                                                13.3
                                                                       13.1
##
                                                                             12.8
                                                                                    12.7
                                                   17.1
                                                          18.3
                                                                19.1
                                                                       19.4
##
   [99313]
             13.8
                   14.3
                         14.1
                                13.1
                                      13.9
                                             15.8
                                                                             19.4
                                                                                    19.6
   [99325]
             21.1
                   20.6
                         19.8
                                18.8
                                      17.4
                                             15.6
                                                   14.7
                                                          14.2
                                                                13.1
                                                                       13.5
                                                                             12.3
   [99337]
             12.9
                   11.8
                         13.2
                                13.0
                                      12.9
                                             14.6
                                                   16.8
                                                          18.7
                                                                19.9
                                                                       20.6
                                                                             20.9
                                                                                    21.1
   [99349]
                         20.7
                                                   13.3
                                                          12.7
##
             20.1
                   20.0
                                19.9
                                      18.1
                                             14.4
                                                                12.1
                                                                       11.5
                                                                             11.2
                                                                                    10.8
   [99361]
             10.1
                   10.0
                         10.1
                                 9.8
                                      11.4
                                             14.7
                                                   17.4
                                                          19.4
                                                                20.7
                                                                       21.5
                                                                             22.1
                                                                                    22.5
##
   [99373]
             22.4
                   21.9
                         21.6
                                20.6
                                      19.2
                                             16.6
                                                   14.8
                                                          14.2
                                                                13.8
                                                                       13.6
                                                                             12.7
                                                                                    12.3
                                      13.2
##
   [99385]
             12.0
                   11.6
                         11.5
                                11.7
                                             16.7
                                                   19.6
                                                          21.4
                                                                22.5
                                                                       23.1
                                                                             23.3
                                                                                    24.0
##
   [99397]
             20.1
                   20.5
                         22.3
                                21.1
                                      18.4
                                             17.3
                                                   16.9
                                                          16.6
                                                                14.3
                                                                       14.1
                                                                             13.9
                                                                                    13.5
   [99409]
             13.9
                   13.7
                         13.2
                                12.9
                                      13.3
                                             16.5
                                                   19.1
                                                          20.8
                                                                17.9
                                                                       19.7
                                                                             18.9
                                                                                    19.5
                         24.0
   [99421]
             25.6
                   23.6
                                22.1
                                      21.0
                                             19.1
                                                   18.4
                                                          17.9
                                                                17.0
                                                                       16.5
                                                                             15.7
                                                                                    15.5
   [99433]
             15.2
                   14.9
                         14.3
                                13.9
                                      15.0
                                             16.9
                                                   18.5
                                                          19.6
                                                                20.0
                                                                       20.1
                                                                             20.4
                                                                                    20.6
   [99445]
            20.8
                   20.7
                         20.3
                                19.6
                                      18.5
                                             15.9
                                                   14.2
                                                          14.5
                                                                15.1
                                                                       13.8
                                                                             13.8
##
                                                                                    14.1
   [99457]
             12.2
                   11.5
                         11.0
                                11.0
                                      12.7
                                             15.5
                                                   15.2
                                                          15.4
                                                                15.4
                                                                       14.4
                                                                             13.7
   [99469]
             16.8
                   15.6
                         14.9
                                14.7
                                      14.5
                                             13.3
                                                   11.7
                                                          10.5
                                                                10.7
                                                                       10.6
                                                                             10.3
                                                                                     9.8
   [99481]
             8.8
                    8.6
                          8.8
                                 9.1
                                       9.9
                                             11.9
                                                   13.1
                                                          14.3
                                                                15.7
                                                                       16.5
                                                                             17.2
                                                                                    17.6
##
                                15.7
                                                                10.9
   [99493]
             18.3
                   18.0
                         16.8
                                      14.6
                                            12.1
                                                   11.0
                                                          10.9
                                                                       10.3
                                                                             10.0
                                                                                     9.6
##
   [99505]
                    9.2
                          9.1
                                 9.0
                                      10.1
                                             13.0
                                                   15.2
                                                          16.9
                                                                18.3
                                                                       19.5
                                                                             20.3
             9.4
   [99517]
             20.2
                   19.7
                         18.9
                                17.9
                                      16.9
                                             15.5
                                                   14.6
                                                          14.2
                                                                13.8
                                                                       13.6
                                                                             13.6
                                                                                    13.6
                                13.3
                                      14.7
                                                   17.3
   [99529]
             13.7
                   13.4
                         13.3
                                             16.1
                                                          18.6
                                                                19.1
                                                                       20.5
                                                                             21.3
                                                                                    21.3
                         20.3
                                      18.2
##
   [99541]
             21.3
                   21.0
                                19.4
                                             16.2
                                                   14.4
                                                          15.6
                                                                15.0
                                                                       14.9
                                                                             14.8
                                                                                    14.6
                                                          19.7
                                                                21.5
   [99553]
             14.4
                   14.3
                         14.2
                                13.9
                                      14.1
                                             14.9
                                                   16.9
                                                                       22.2
                                                                             22.6
                                                                                    22.8
                   22.1
   [99565]
             22.4
                         21.6
                                20.4
                                      19.2
                                             16.4
                                                   14.6
                                                          13.8
                                                                13.4
                                                                       13.1
                                                                             12.9
                                                                                    12.8
##
                                                          20.7
##
   [99577]
             12.8
                   12.7
                         12.6
                                12.3
                                      13.7
                                             16.4
                                                   18.9
                                                                22.2
                                                                       23.4
                                                                             24.2
                                                                                    24.7
   [99589]
                         23.9
                                22.6
                                      21.3
                                             18.5
                                                   15.7
                                                          14.7
                                                                14.5
                                                                                    12.8
             24.9
                   24.6
                                                                       14.5
                                                                             13.7
   [99601]
             12.4
                   12.2
                         12.3
                                11.9
                                      13.3
                                             15.3
                                                   17.0
                                                          18.3
                                                                19.4
                                                                       20.1
                                                                             20.5
                                                                                    19.5
   [99613]
             22.5
                   22.5
                         22.1
                                21.1
                                      19.5
                                             17.3
                                                   16.0
                                                          15.3
                                                                14.3
                                                                       13.7
                                                                             13.6
                                                                                    12.8
  [99625]
             13.1
                   13.0
                         12.8
                                12.5
                                      14.0
                                             14.4
                                                   15.0
                                                          15.6
                                                                18.3
                                                                       17.4
                                                                             21.9
##
                                                                                    20.4
## [99637]
             16.5
                   17.1
                         19.2
                                21.9
                                      21.1
                                             18.6
                                                   15.6
                                                          15.9
                                                                15.1
                                                                       15.7
                                                                             16.5
## [99649]
             16.3
                   15.8
                         15.7
                                15.4
                                      16.7
                                             18.8
                                                   18.8
                                                          19.8
                                                                21.5
                                                                       22.4
                                                                             23.8
                                                                                    23.2
## [99661]
             23.2
                   18.5 19.4 22.2
                                      21.4
                                            17.0
                                                   16.3 15.7 15.7 15.1 15.1
```

```
## [99673]
            14.8
                  14.5
                        14.2 12.9
                                      14.7 17.4 19.6
                                                         21.6 23.2 24.1
            24.8
                  23.8
                         22.9
                               21.9
                                      20.7
                                            18.2
                                                  16.4
                                                        15.0
                                                               14.1
                                                                     13.6
                                                                           13.3
                                                                                  12.9
   [99685]
                                                         21.6
                                                                            24.9
  [99697]
            12.5
                  12.0
                         11.8
                               11.5
                                      13.5
                                            16.8
                                                  19.6
                                                               23.0
                                                                     24.1
  [99709]
            24.7
                   24.8
                         24.3
                               22.9
                                      21.0
                                            18.7
                                                  16.9
                                                         17.1
                                                               14.8
                                                                     14.0
                                                                            14.7
                                                                                  16.2
   [99721]
            15.2
                   15.2
                         15.3
                               14.7
                                      16.2
                                            17.9
                                                  20.2
                                                         22.1
                                                               23.4
                                                                     22.8
                                                                            24.8
                                                                                  24.9
  [99733]
            24.8
                  24.4
                         24.0
                               23.2
                                      21.9
                                            19.5
                                                  16.7
                                                         15.2
                                                               14.5
                                                                     14.3
                                                                            13.9
                                                                                  13.7
                               14.3
                                      16.3
                                            19.6
                                                         24.2
                                                               25.8
   [99745]
            13.5
                  13.6
                         14.2
                                                  22.2
                                                                     27.1
                         25.5
                                            22.0
                                                  20.5
                                                         19.6
                                                               18.9
  [99757]
            24.6
                   26.3
                               24.2
                                      23.1
                                                                     18.3
                                                                            17.9
                                                                                  17.9
##
   [99769]
            17.7
                   16.4
                         16.2
                               16.5
                                      18.7
                                            21.5
                                                  23.2
                                                         24.0
                                                               24.5
                                                                     25.3
                                                                            24.7
                                                                                  24.5
                                                         16.7
##
   [99781]
            25.1
                   24.7
                         24.4
                               24.3
                                      23.5
                                            21.6
                                                  18.2
                                                               16.4
                                                                     16.6
                                                                            16.7
                                                                                  15.7
  [99793]
            15.5
                  15.1
                         14.5
                               14.4
                                      16.9
                                            19.7
                                                  21.5
                                                         23.1
                                                               24.0
                                                                     24.2
                                                                            24.2
                                                                                  24.8
  [99805]
                   25.8
                         25.1
                               24.0
                                      22.5
                                            20.0
                                                  16.7
                                                         15.4
                                                               15.2
                                                                     15.1
                                                                            15.3
                                                                                  15.5
            26.1
   [99817]
            15.2
                  14.8
                         14.6
                               15.0
                                      16.8
                                            19.8
                                                  22.2
                                                         23.9
                                                               25.1
                                                                     25.8
                                                                            25.8
                                                                                  25.6
  [99829]
            26.3
                   25.9
                                      22.7
                                            20.7
                                                         17.6
                                                               16.4
                                                                     16.0
                                                                            15.9
                         25.4
                               24.0
                                                  18.4
   [99841]
            15.7
                   15.3
                         15.4
                               14.4
                                      16.4
                                            20.0
                                                  22.5
                                                         24.1
                                                               25.5
                                                                     26.5
                                                                            27.2
                                                                                  27.7
   [99853]
            28.1
                   27.7
                         26.8
                               25.4
                                      23.5
                                            20.6
                                                  18.9
                                                         19.2
                                                               19.3
                                                                     19.2
                                                                            18.2
                                                                                  16.8
   [99865]
            16.0
                   16.4
                               16.0
                                      17.0
                                            18.7
                                                  20.1
                                                         21.2
                                                               22.2
                                                                     22.5
                                                                            20.9
                                                                                  22.6
##
                         15.8
   [99877]
            17.7
                   17.8
                         18.2
                               18.4
                                      18.2
                                            17.3
                                                  15.3
                                                         15.1
                                                               14.9
                                                                     14.8
                                                                            14.8
                                                                                  14.7
                                                                     22.5
  [99889]
                  13.9
                         13.3
                               13.0
                                      13.6
                                            15.9
                                                  18.8
                                                         20.6
                                                               21.8
                                                                            22.9
            14.4
                                                                                  22.9
   [99901]
            23.5
                   23.5
                         22.8
                               22.0
                                      20.8
                                            18.7
                                                  15.7
                                                         15.1
                                                               15.2
                                                                     15.0
                                                                            15.0
                                                                                  15.0
                               14.9
                                      16.5
##
  [99913]
            15.0
                  14.8
                         14.7
                                            19.4
                                                  21.9
                                                         23.6
                                                               24.8
                                                                     25.7
                                                                            26.5
                                                                                  26.9
  [99925]
                   27.1
                         26.9
                               26.1
                                      24.8
                                            22.9
                                                  20.5
                                                         18.8
                                                               17.9
                                                                     17.1
                                                                            16.1
            27.1
            14.9
  [99937]
                   14.7
                         14.3
                               14.2
                                      17.2
                                            20.2
                                                  22.3
                                                         23.6
                                                               24.5
                                                                     25.2
                                                                            25.6
                                                                                  26.0
                   25.7
                         26.4
                               26.2
                                      24.6
                                            22.7
                                                  20.4
                                                         19.3
                                                               18.5
   [99949]
            26.7
                                                                     17.8
                                                                            17.2
                                                                                  16.6
                                                  24.4
                                                         26.4
   [99961]
            16.3
                  16.1
                         15.9
                               15.4
                                      18.3
                                            21.3
                                                               28.0
                                                                     28.7
                                                                            29.5
                                                                                  30.1
  [99973]
            30.3
                   28.8
                         27.2
                               25.4
                                      24.2
                                            22.2
                                                  20.1
                                                         19.4
                                                               18.8
                                                                     17.9
                                                                            17.1
                                                                                  16.7
  [99985]
                  15.9
                         15.7
                               15.6
                                      18.2
                                            20.7
                                                  22.6
                                                         24.2
                                                               25.3
                                                                     26.0
                                                                            26.0
                                                                                  25.7
            16.1
## [99997]
            26.7
                   26.2
                         25.5
   [ reached getOption("max.print") -- omitted 22734 entries ]
```

## Szereg siódmy

```
##
           Jan
                  Feb
                        Mar
                               Apr
                                     May
                                           Jun
                                                  Jul
                                                        Aug
                                                              Sep
                                                                     Oct
                                                                           Nov
                                                                                  Dec
## 1942
                      -5.0
                               3.0
                                          10.8
                                                                          -8.2 -22.2
                  1.0
                                     9.3
                                                13.0
                                                       13.1
                                                             11.3
                                                                     0.8
## 1943
         -16.5
                -6.4
                      -5.3
                             -0.3
                                                12.0
                                                                     3.0
                                     6.1
                                          12.2
                                                       11.0
                                                              7.7
                                                                          -2.5
                                                                                -7.5
## 1944
          -9.8
                -0.4
                      -6.9
                              0.3
                                     6.5
                                          11.9
                                                13.6
                                                       12.4
                                                              8.3
                                                                     2.2
                                                                          -5.4
                                                                                -5.1
## 1945
           0.9
                -4.3
                      -7.1
                             -0.9
                                     4.6
                                          11.0
                                                12.8
                                                       13.1
                                                              9.4
                                                                     2.0 - 10.8
                                                                                -8.9
## 1946
          -5.9 -10.2 -12.6
                              0.2
                                          10.7
                                                12.3
                                                       11.3
                                                              8.5
                                                                          -7.2 - 12.9
                                     6.0
                                                                     4.3
                      -7.4
## 1947
         -18.2 -5.0
                              1.7
                                     6.2
                                           9.4
                                                12.1
                                                       12.7
                                                              8.2
                                                                     1.3
                                                                          -0.3
## 1948
                      -5.6
          -9.5 -11.6
                             -0.9
                                     6.1
                                          10.5
                                                11.2
                                                       10.9
                                                              6.8
                                                                     1.3
                                                                          -9.4 - 11.1
## 1949
         -10.7 -12.5
                       -2.0
                             -2.6
                                     5.0
                                           9.0
                                                12.2
                                                       11.8
                                                              9.8
                                                                     2.7
                                                                          -1.8 -11.6
          -9.4 -16.9
                       -0.5
                               0.1
                                     5.3
                                                12.8
                                                       13.7
                                                              8.8
                                                                    -9.0 -12.1 -14.2
## 1950
                                           9.7
## 1951
          -6.0 -12.8
                        1.8
                               6.7
                                    10.9
                                          12.9
                                                13.5
                                                        8.4
                                                              1.3
                                                                    -4.0
                                                                          -9.6 -11.4
## 1952
          -9.1
                -6.0
                       -2.9
                              3.4
                                     9.2
                                          11.7
                                                 12.6
                                                        8.2
                                                              3.5
                                                                    -0.2 - 14.7 - 12.3
                -9.4
                                                12.7
                                                                         -4.8 -17.4
## 1953
          -9.1
                        1.8
                              6.4
                                   12.5
                                          15.2
                                                             -0.5
                                                        8.1
                                                                    -5.1
## 1954
         -19.8
                -6.7
                       -1.4
                               6.6
                                    10.8
                                          11.2
                                                11.7
                                                        8.8
                                                              3.8
                                                                    -2.1 -17.8 -4.6
## 1955
         -10.1
                -3.6
                       -2.9
                              5.0
                                     8.1
                                          11.8
                                                11.4
                                                        8.2
                                                             -1.0
                                                                   -7.5 -13.9 -19.3
## 1956
         -13.5
                -9.6
                       -2.2
                              5.1
                                     8.3
                                          13.1
                                                12.8
                                                        7.8
                                                             -2.2 -11.3 -15.9
                                                                                 -6.6
                -3.2
                        2.6
                                                              5.5
                                                                     1.8 -16.2
                                                                                -9.6
## 1957
          -9.7
                              7.6
                                   13.0
                                          13.3
                                                14.1
                                                        9.1
## 1958
          -4.4 - 1.1
                        2.8
                                   10.7
                                          12.5
                                                12.0
                                                        8.2
                                                              0.3
                                                                    -6.3
                                                                         -6.2 -11.8
                               6.1
## 1959
          -2.9 -14.7
                       -0.4
                               6.9
                                    11.2
                                          10.7
                                                -3.8
                                                        8.1
                                                              1.6
                                                                   -2.1 -13.7
                                                                                -4.7
  1960
          -5.1 -10.4
                       -3.9
                               6.5
                                   10.2
                                          13.2
                                                11.3
                                                        7.9
                                                              1.7
                                                                    -6.2
                                                                          -2.1
                                                                                -5.9
## 1961
         -15.3 -12.1
                      -0.7
                              7.1
                                     9.6
                                          11.3
                                                11.1
                                                        8.6
                                                             -2.3
                                                                   -5.9 -14.2 -13.2
```

```
5.0 10.9 13.9 12.4
## 1962
         -4.7 - 8.9
                      0.2
                                                   7.1
                                                         1.4 -3.8 -10.8 -3.9
## 1963
         -7.7 -4.9 -3.2
                            6.6
                                 8.7
                                      12.7
                                            12.3
                                                  10.6
                                                        -0.1 -13.1 -4.0 -9.4
                                                         1.7 -2.1 -16.3 -10.9
## 1964
         -9.8 -8.9
                    -2.1
                            3.4 11.2 12.3
                                            11.6
                                                   8.9
        -13.8
                                 7.8
                                      10.5
                                             10.8
## 1965
               1.0
                    -0.4
                            2.4
                                                   10.2 -3.6 -5.2 -14.8 -6.6
## 1966
         -8.1 -15.1
                     -1.3
                            3.0 10.4
                                      11.4
                                             10.1
                                                   8.3
                                                        -2.7
                                                              -6.4 -12.8 -13.6
## 1967
         -9.4 -3.0
                      1.4
                            6.7 14.7
                                      12.6
                                            12.6
                                                   7.9
                                                        -1.1
                                                              -1.5 -11.1 -12.2
        -10.7 -3.6 -1.1
                            6.6 10.4 13.1
                                            12.6
                                                        -2.0
## 1968
                                                   6.3
                                                              -3.2 -15.9 -13.9
        -10.7 -3.2
                                11.4
                                      12.4
                                            10.5
                                                             -8.2 -3.2 -17.9
## 1969
                      1.3
                            6.7
                                                   8.9
                                                         3.8
## 1970
         -3.1 -0.8
                     -1.3
                            4.8 10.6
                                      11.5
                                             10.9
                                                   7.1
                                                        -1.5
                                                              -1.5 -11.3 -19.2
                    -2.9
                                 8.5
                                                         1.3 -5.8 -7.4 -14.1
## 1971
        -11.1 -13.4
                            3.2
                                      12.5
                                             12.7
                                                   8.2
## 1972
        -14.3 -16.8
                     -5.6
                            4.9
                                  8.1
                                       12.9
                                             12.4
                                                   7.5
                                                         2.2 -3.7 -8.5 -16.8
                                                        -4.0 -7.8 -12.5 -17.6
## 1973
         -6.9 - 9.3
                      6.1
                           10.7
                                 13.1
                                       12.6
                                             8.0
                                                   1.2
## 1974
         -4.9
                2.0
                      7.5
                           10.7
                                 13.0
                                       13.9
                                             10.3
                                                   0.8
                                                        -6.6 -13.3 -15.2 -15.7
## 1975
         -9.8
              -3.9
                      4.2
                                12.1
                                             0.2 -10.7 -12.1 -10.9 -13.7
                            8.4
                                        8.3
## 1976
         -1.4
                4.2
                      8.3
                           11.7
                                 11.7
                                        7.4
                                             0.1
                                                  -3.9 -7.1
                                                              1.4
                                                                   -1.1
                                                                          -7.3
## 1977
          -3.5
                4.1
                     10.3
                           12.4
                                 13.8
                                        8.3
                                             -0.2
                                                  -9.9 -11.9 -1.9
                                                                    -4.0
                                                                          -3.6
## 1978
          7.3
                9.7
                     13.2
                          13.9
                                  8.7
                                            -1.1 -2.2 -1.1 -14.4
                                                                    -0.9
                                                                           4.2
                                        2.3
## 1979
          8.8
              11.1
                    14.3
                          13.3
                                10.0
                                        4.1
                                            -1.4 -14.8 -12.8 -6.1
                                                                    -2.4
                                                                           2.4
## 1980
          5.4
                9.4 12.8 10.6
                                  8.3
                                            -3.2 -13.8 -1.2 -5.7
                                        1.8
                                                                     1.3
                                                                           2.1
## 1981
          8.2 10.2 12.8 12.7
                                  7.2
                                       0.7
                                            -4.8 -10.3 -8.3 -10.7
                                                                    -4.5
                                                                          -3.6
## 1982
          4.7
                9.4 11.2 11.3
                                  7.9
                                       -2.2
                                            -3.3 -4.4 -11.2 -7.4
                                                                     0.3
                                                                           2.5
## 1983
          8.1
              12.2 14.1
                          12.3
                                  7.5
                                       -1.8
                                            -1.1
                                                  -2.7
                                                        -8.1 -18.6
                                                                     1.7
          6.2 11.3 12.3 12.2
                                  9.2
                                        1.1
                                            -5.3
                                                  -4.1
                                                         0.3 -11.6
## 1984
                                                                    -5.2
                                                                          -6.2
                8.6 12.2
                          11.4
                                  8.6
                                       -2.9
                                             -3.8
                                                   1.2
                                                        -8.4
                                                              -5.5
## 1985
          4.4
                                                                    -5.8
                                                                          -2.2
          5.8
                9.9 12.0 11.2
                                  8.9
                                        2.2
                                            -3.2
                                                       -6.6 -4.3
## 1986
                                                   0.8
                                                                    -1.2
                                                                           0.1
                                  7.4
## 1987
          6.0
                9.6 13.2
                          13.8
                                        3.1
                                            -8.6 -12.5 -3.6 -3.0
                                                                    -3.7
                                                                          -0.5
## 1988
          6.9 11.6 12.9
                           11.9
                                  7.6
                                      -0.6 -10.1
                                                  -6.1 -19.4 -1.8
                                                                    -4.7
                                                                           2.2
          5.6 10.8 13.5
                                        2.7
                                            -7.5
                                                  -6.8
                                                        -8.5 -18.8
## 1989
                          14.1
                                11.1
                                                                    -3.4
                                                                           4.1
               10.9 13.4 13.3
                                            -8.0
                                                        -7.9 -9.6
## 1990
                                 8.8
                                      -0.2
                                                  -6.3
                                                                    -3.1
                                                                           2.6
          7.7
          7.0 10.2 12.9
## 1991
                          12.3
                                10.6
                                        2.9
                                            -4.6
                                                  -9.4
                                                        -7.9 - 15.7
                                                                    -5.6
                                                                           0.2
                                                  -7.1
## 1992
          5.9 11.4
                     13.1
                           12.2
                                  5.0
                                        0.0
                                            -4.7
                                                        -9.4
                                                             -5.2
                                                                    -0.5
                                                                           5.0
## 1993
          9.1 11.7
                     14.4
                           13.3
                                  9.2
                                        3.4
                                            -1.3
                                                  -4.1
                                                        -6.0
                                                              -9.8
                                                                    -6.9
                                                                           2.2
                                       -1.2
                                            -7.0
                                                  -9.8
## 1994
          7.4 10.9
                    13.2
                          13.4
                                  9.3
                                                        -6.9 - 4.9
                                                                    -8.1
                                                                           4.6
## 1995
          8.0 11.8 14.0
                          12.7
                                11.3
                                       1.7
                                            -7.6 -3.9 -9.3 -10.4
                                                                     0.2
                                                                           1.6
## 1996
          8.1
              11.1 12.8
                          11.6
                                 6.4
                                       -1.4
                                            -3.6 -14.3 -10.1
                                                              -0.9
                                                                    -6.2
                                                                           3.0
## 1997
          8.8 12.1 15.5 14.1 10.4
                                      -2.3
                                            -2.9 -13.2 -10.7
                                                              -5.3
                                                                     0.6
                                                                           2.8
## 1998
          5.8 11.0 13.4 11.1
                                  8.6
                                       1.8
                                            -2.0 -12.3 -11.6 -15.3
                                                                    -9.7
                                                                          -0.1
## 1999
          4.6 10.5 12.7 12.3
                                  8.9
                                      -1.7
                                            -7.2 -16.4 -15.3
                                                             -0.7
                                                                    -0.7
                                                                           1.8
## 2000
          6.0 10.4 12.4
                          12.5
                                  7.7
                                        1.7
                                             0.6
                                                   1.0 -3.6
                                                              -1.8
                                                                    -3.4
                                                                           2.3
          4.9 11.8 12.6 13.2
## 2001
                                  9.3
                                      -2.3
                                            -7.0 -13.4 -4.7
                                                              -6.8
                                                                    -2.8
                                                                           0.9
## 2002
          7.9 11.4 13.3
                          13.1
                                  9.4
                                        6.2
                                             1.5 -6.0 -1.7
                                                               2.0
                                                                    -6.4
                                                                           3.3
## 2003
          7.0 11.4 14.1 13.8
                                  7.8
                                        3.0
                                            -2.8 -11.3 -12.2
                                                              -1.9
                                                                    -6.1
                                                                           2.8
          9.0 12.6 15.1 15.0
                                            -1.2 -4.5 -4.6
## 2004
                                  7.9
                                        4.6
                                                              -4.5
                                                                    -1.2
                                                                          -0.4
                                  9.6
                                        1.9 -11.9 -2.6 -17.1
                                                              -5.1
                                                                    -7.6
                                                                          -0.7
## 2005
          8.7
               12.2 14.1 13.7
          7.3 10.9 12.8 11.6
                                            -9.2 -11.9 -12.0 -5.6 -14.5
## 2006
                                  9.3
                                        4.4
                                                                           3.7
                                            -0.1
                                                  -7.4 -13.8 -12.6
## 2007
          6.3 10.4 13.0 13.9
                                 10.0
                                        1.7
                                                                    -4.6
                                                                          -1.6
## 2008
          6.0
                9.3 11.6
                           12.4
                                  8.9
                                       -1.6
                                            -9.2 -5.9 -11.5
                                                              -8.4
                                                                    -7.6
                                                                           0.2
## 2009
              10.4 13.9
                          11.5
                                        3.8
                                            -8.1 -4.6 -9.1
                                                              -5.1
                                                                    -9.1
          7.6
                                  8.4
                                                                          -0.6
## 2010
          6.4 10.1 10.9 11.7
                                  9.5
                                        1.9
                                            -5.0 -13.9 -6.6
                                                             -8.3 -4.9
                                                                           0.4
                                                  -7.9 -21.4
## 2011
          7.3
                9.3 11.1
                          11.2
                                  8.8
                                        3.1
                                            -9.2
                                                              -4.3 - 12.5
                                                                           1.9
## 2012
                9.4 11.3
                          11.6
                                  7.6
                                       -0.3
                                            -9.2 -10.8
                                                        -3.6
                                                              -4.9
                                                                    -5.9
                                                                          -2.0
          5.1
                                            -3.8 -5.8
## 2013
          5.8 12.9 14.3 13.2
                                  8.3
                                       6.1
                                                         1.6
                                                              -5.2
                                                                    -4.2
                                                                           3.4
                                        0.0
## 2014
          9.4 10.2 13.9
                          14.0
                                10.5
                                             2.5 -0.2 -5.7
                                                              -3.3
                                                                    -0.7
                                                                           2.3
          8.8 13.4 13.9 13.1
## 2015
                                 8.3
                                        6.2 - 0.8 - 4.0
                                                         0.3
                                                               1.8
                                                                     0.2
                                                                           6.3
```

```
## 2016
          9.4 13.2 15.0 14.9 10.8
                                        5.1 -4.5 -7.0 -10.1
                                                               -8.8 -11.0
                                                                             3.7
## 2017
          7.5
              11.9
                     14.0 12.8
                                  9.0
                                        4.1
                                              -2.5
                                                   -0.3 -7.0
                                                               -2.3
                                                                             2.7
                                                                     -1.9
## 2018
          7.0
               11.6
                     13.5 12.8
                                 11.0
                                        7.3
                                               0.7
                                                   -7.1
                                                         -2.9
                                                               -0.3
                                                                       2.2
                                                                             2.5
                                 10.4
## 2019
          8.2 13.3
                     16.2
                           14.5
                                        4.8
                                              1.8
                                                   -8.0 -18.9
                                                               -8.4
                                                                     -6.3
                                                                             4.6
## 2020
          8.6
               10.9
                     14.3
                           13.3
                                  8.4
                                        3.3
                                              -3.2
                                                    -5.4
                                                         -5.3
                                                                -6.2
                                                                      -7.2
                                                                             1.1
## 2021
          6.8 10.7
                     12.9
                          11.2
                                  6.2
                                        1.5 -15.5
                                                   -7.2
                                                         -9.7
                                                                -8.6
                                                                     -6.1
                                                                             3.8
         12.2 20.1 21.5
                           21.1
                                 15.1
                                                   -8.8
## 2022
                                       11.8
                                               1.3
                                                         -1.3
                                                                8.1
                                                                      12.0
                                                                            17.7
                            9.2
                                              -9.5
                                                    -5.7
## 2023
         23.3 18.9
                    12.6
                                  0.6
                                       -5.2
                                                           3.8
                                                               15.7
                                                                      19.4
                                                                            22.6
## 2024
          21.0 13.4
                     11.4
                            2.9
                                 -5.2 -10.3
                                              -2.4
                                                     0.4
                                                         13.4
                                                               20.0
                                                                      23.0
                5.4 -4.2 -12.1 -18.6
                                       -5.5
                                               3.5
## 2025
         14.4
                                                    17.7
                                                         19.1
                                                               22.5
                                                                     18.4
                                                                            15.6
## 2026
          8.1
                0.0 -9.2 -18.1 -13.9
                                       -2.4
                                              12.8
                                                    19.7
                                                          22.4
                                                                20.2
                                                                      16.7
                                                                             8.5
## 2027
          0.4 - 3.3
                    -7.5
                           -5.1
                                  1.8
                                       13.1
                                              18.9
                                                    20.9
                                                         19.4
                                                               14.3
                                                                       7.2
                                                                             2.1
                           -1.9
## 2028
         -8.3 -15.9
                     -8.7
                                 15.7
                                       16.7
                                              22.5
                                                    20.3
                                                          15.5
                                                                 9.7
                                                                       0.4
                                                                           -2.9
         -7.1
               -4.1
                     -0.1 10.9
                                 18.9
                                       23.1
                                              22.9
                                                    15.6
                                                                 0.9 - 15.7 - 10.5
## 2029
                                                          8.2
## 2030
          -3.3 -4.4 11.5
                           19.0
                                 19.7
                                       21.0
                                              13.3
                                                     9.6
                                                          0.4
                                                               -6.8 -11.7
                                                                            -8.9
## 2031
          1.8 16.0
                     17.3
                           21.2
                                 18.4
                                       14.6
                                              8.0
                                                    -4.5 -14.2
                                                               -8.9
                                                                     -9.3
                                                                             0.4
## 2032
               14.2 18.9 21.9
                                 17.8
                                       15.0
                                                   -3.3
                                                         -5.0 -7.2
                                                                     -1.7
          9.1
                                               8.9
                                                                             2.2
## 2033
          10.6
               16.1
                     21.1 23.2
                                 19.3
                                       15.5
                                               5.6
                                                     2.8
                                                         -5.0 -13.2 -10.9
                                                                            -0.1
                                              5.6
## 2034
               16.5 21.3 23.2 22.6
                                       16.1
                                                         -7.1 -5.7 -12.6
          6.7
                                                     0.3
                                                                            -3.2
## 2035
          6.7
               13.2 18.0 22.4
                                 20.3
                                       14.6
                                              9.3
                                                   -2.7 -12.2
                                                               -3.4
                                                                     -5.5
                                                                             1.8
## 2036
          7.5
               12.1 19.8 20.8 20.8
                                       16.9
                                              8.1
                                                     3.2
                                                         -9.2 -12.2
                                                                     -4.7
                                                                             1.2
## 2037
               16.1
                     22.3 21.2 20.6
                                       14.1
                                              7.5
                                                   -4.4
                                                         -5.8
                                                              -5.9
          9.1
                                                                            -0.4
## 2038
          5.6 14.6 18.1
                           17.9
                                 17.3
                                       14.3
                                              7.8
                                                   -0.7
                                                         -6.8 -10.8
                                                                     -9.7
                                                                            -3.5
          5.4 13.2
                     17.6
                           20.6
                                 20.2
                                       12.0
                                              7.5
                                                   -0.9
                                                         -5.8 -15.9 -11.7
## 2039
                                                                             0.6
          6.9 14.6
                     20.3
                           19.6 18.3
                                       17.3
                                              10.2
                                                     2.4
                                                         -4.5 -8.7
## 2040
                                                                      -7.3
                                                                             0.7
## 2041
          4.6
              12.8
                     20.6
                           21.6
                                 22.9
                                       14.4
                                              8.2
                                                   -3.5
                                                         -7.7 - 12.4
                                                                     -8.6
                                                                            -3.8
## 2042
          4.9
               11.9
                     19.1
                           19.4
                                 19.2
                                       14.9
                                              8.8
                                                    -4.1 -10.0 -11.7
                                                                     -7.2
                                                                            -2.1
               10.7
                     19.8
                           20.4
                                 18.6
## 2043
          5.5
                                       15.8
                                              9.8
                                                   -2.9
                                                         -3.9
                                                               -6.9
                                                                     -1.4
                                                                            -1.1
                           20.9
                                                                     -3.0
## 2044
          9.5
               17.3
                     17.7
                                 20.6
                                       18.0
                                              9.7
                                                     2.4
                                                         -3.7 -11.6
                                                                             0.5
## 2045
          8.2
               14.5
                     18.7
                            22.9
                                 19.3
                                       14.5
                                              8.3
                                                    4.5 - 4.7
                                                               -9.6
                                                                     -3.2
                                                                             4.0
## 2046
          7.6
               14.9
                     18.1
                           20.7
                                 20.5
                                       15.5
                                              10.9
                                                   -1.1 -14.3 -8.1 -11.5
                                                                            -4.5
## 2047
          8.7
               14.2
                     19.1
                           22.4
                                 20.4
                                       14.4
                                               8.1
                                                     7.5
                                                         -3.2 - 4.3
                                                                      -3.4
                                                                            -3.6
## 2048
          7.1
               12.3
                     20.4
                           22.8
                                 19.6
                                       17.0
                                               5.5
                                                    -0.4
                                                         -4.3 -10.1
                                                                     -9.5
                                                                            -0.6
## 2049
          7.3 12.9
                     18.6
                           20.8
                                 21.5
                                       15.3
                                              9.3
                                                     0.0
                                                         -4.2 -10.9
                                                                     -6.6
                                                                             2.2
## 2050
          9.2 13.7
                     17.9
                           20.2
                                 17.5
                                       18.0
                                              9.2
                                                     2.4
                                                         -5.8
                                                               -9.8
                                                                     -4.1
                                                                            -1.3
## 2051
          10.0 12.8
                     22.1 22.4
                                 19.8
                                       18.2
                                             10.9
                                                     2.2
                                                         -8.2 -2.1
                                                                     -6.9
                                                                             0.4
## 2052
          10.8 15.2 20.1 23.5
                                 20.9
                                       14.4
                                              7.0
                                                     2.5
                                                         -1.7
                                                               -7.6 - 11.9
## 2053
          7.1
               17.0
                     20.7
                           22.1
                                 21.0
                                       17.8
                                              12.6
                                                     1.0 -8.3 -10.2 -10.4
                                                                            -1.9
## 2054
          6.8
              13.4
                     20.0
                           21.8
                                 20.3
                                       17.0
                                              9.8
                                                     1.5 -10.9 -13.0
                                                                     -6.3
                                                                             0.4
## 2055
          7.9 14.4
                    18.8
                           18.5
                                 18.7
                                       17.0
                                              5.9
                                                         -8.5 -11.6
                                                                     -8.9
                                                                             3.5
                                                     6.1
## 2056
               15.1
                     19.5
                           22.6
                                 22.6
                                       15.3
                                                     1.8
                                                         -9.5 -11.3
          11.7
                                              11.4
                                                                     -7.7
                                                                            -1.1
## 2057
          7.4 14.3
                     20.0 23.9
                                 20.6
                                       15.2
                                              11.7
                                                     3.6
                                                         -3.2 -5.1
                                                                     -2.3
                                                                             9.5
               17.4
                     21.7
## 2058
          9.5
                            25.0
                                 20.7
                                       16.6
                                              9.3
                                                     3.6
                                                         -4.4
                                                               -8.0
                                                                     -6.9
                                                                            -4.5
               13.2
                     19.4 21.9
                                       17.8
                                                   -0.5 -10.4 -14.1 -14.0
                                                                            -4.2
## 2059
          4.6
                                 21.0
                                              8.7
                     20.4
## 2060
          5.7
               14.4
                           19.8
                                 21.4
                                       15.4
                                              8.6
                                                   -4.0
                                                         -4.6 -8.0 -12.8
                                                                             0.2
                                                                     -4.8
               14.3
                           21.0
                                                         -1.0 -9.2
## 2061
          8.7
                     19.6
                                 19.2
                                       18.8
                                              10.1
                                                     4.1
                                                                             3.4
## 2062
          8.2 14.9
                     20.2
                           21.8
                                 21.1
                                       17.7
                                              11.2
                                                     5.9
                                                         -7.3
                                                               -7.2
                                                                     -2.1
                                                                            -0.5
## 2063
              13.4
                     20.4 21.6
                                                     0.5
                                                         -7.5 - 9.7
                                                                     -8.9
                                                                            -0.8
          9.0
                                 18.1
                                       17.6
                                              9.8
## 2064
          1.6 17.6 21.1 21.3
                                 20.7
                                       16.9
                                              6.9
                                                    -3.0
                                                         -4.3 -11.0 -11.4
                                                                            -3.3
                                                    -2.1
## 2065
          7.1
               12.2
                     19.0 22.3
                                 19.3
                                       18.4
                                              6.6
                                                          -5.8
                                                               -7.2
                                                                     -8.5
                                                                             2.1
                                                         -4.0
                                                               -6.2 -13.1
## 2066
          6.0
               13.5
                     21.1 22.5
                                 20.9
                                       15.1
                                              5.7
                                                     3.3
                                                                             3.4
              14.2 22.8 21.9
## 2067
          8.0
                                 20.6
                                       17.3
                                             11.9
                                                     2.0
                                                         -3.7 -12.4
                                                                     -5.6
                                                                            -3.7
## 2068
          5.6 17.0 21.0 23.3 22.3
                                       14.7
                                              12.0
                                                     5.2
                                                         -2.7
                                                               -7.6
                                                                     -0.2
                                                                             3.0
## 2069
          14.1 20.5 23.1 20.4 16.1
                                        7.3 - 2.4
                                                   -9.2
                                                          4.9
                                                              19.6 20.8
                                                                           24.3
```

```
1.4 -7.1 -12.9 -11.0 -0.8 15.7 22.6
## 2070
          19.9 17.3
                       9.3
                                                                       21.9
                                                                             19.7
## 2071
           1.8 -5.7 -14.1 -10.7
                                   1.0
                                        16.2 23.1 22.4
                                                          18.1
                                                                11.7
                                                                        2.5
                                                                             -1.2
                                        -0.5
                                                                 21.7
## 2072
          11.4 -0.2 -3.5
                           -7.1
                                 -4.3
                                               8.3
                                                    13.4
                                                          20.5
                                                                       21.6
          10.9 -0.8 -5.3 -9.0
                                 -3.0
                                               7.3
                                                    12.9
## 2073
                                         3.0
                                                          21.7
                                                                 23.3
                                                                       18.2
                                                                             11.8
## 2074
           1.6 -2.2
                     -3.8
                             2.3
                                  1.6
                                        18.2
                                              19.7
                                                    23.0
                                                          19.4
                                                                 -1.3
                                                                        0.7
                                                                              1.9
## 2075
          10.3 16.0 20.6 16.1
                                 10.4
                                         6.6
                                              -3.2
                                                    -6.4
                                                          -0.1
                                                                  6.2
                                                                        9.7
                                                                             16.9
          19.4 21.6
                     22.3
                           17.9
                                  12.8
                                         0.7
                                              -6.5
                                                    -6.6
                                                          -0.7
                                                                       16.2
## 2076
                                                                 12.1
          23.6 22.1
                     15.6
                             9.9
                                   9.0
                                        -0.3
                                              -1.0
                                                    -1.3
                                                            0.6
                                                                  9.3
                                                                             22.2
## 2077
                                                                       14.0
## 2078
          24.1
                21.2
                     18.8
                             8.2
                                   1.5
                                        -1.6
                                              -7.8
                                                    -6.9
                                                            1.4
                                                                 10.7
                                                                       14.4
                                                                             19.7
          22.4
               23.3
                     16.2 10.8
                                   2.8
                                        -1.9
                                              -7.6
                                                    -3.9
                                                                             20.0
## 2079
                                                           4.7
                                                                 10.8
                                                                       16.7
                            10.8
                                              -6.5
## 2080
          21.2
               18.7
                      18.8
                                   5.0
                                        -2.7
                                                    -0.5
                                                            2.7
                                                                 12.0
                                                                       14.5
                                                                             22.8
                                               2.5
## 2081
          23.2
                22.1
                      19.4
                           11.3
                                   4.0
                                        0.2
                                                    15.7
                                                           20.7
                                                                 21.9
                                                                       15.4
                                                                              8.5
                       8.0 18.3
## 2082
           4.0
                -5.6
                                 23.2
                                        18.2
                                              13.0
                                                     2.6
                                                          -8.5
                                                                 -8.5
                                                                        8.2
                                                                             14.1
## 2083
          20.7
                22.4
                      17.1 10.3
                                   2.7 - 11.1
                                              -3.6
                                                     8.5
                                                          15.3
                                                                 20.5
                                                                       19.2
                                                                             19.7
## 2084
          17.2
                 7.6
                       6.6 -10.1
                                  -8.4
                                         4.8
                                              13.1
                                                    16.0
                                                          21.7
                                                                 23.5
                                                                       23.1
                                                                             17.3
## 2085
          12.2
                 4.0
                      -7.6
                           -8.3
                                  -5.1
                                         2.1
                                               8.5
                                                    15.4
                                                          20.4
                                                                 25.4
                                                                       21.9
                                                                             15.4
## 2086
          11.5
                 4.9
                     -0.7
                           -3.7
                                 -1.5
                                        10.9
                                              10.6
                                                    18.6
                                                          22.0
                                                                 26.3
                                                                       21.1
                                                                             15.7
                                        -2.4
## 2087
           9.9
                 3.0
                     -1.5 -5.0
                                 -3.9
                                               7.5
                                                    15.5
                                                          20.9
                                                                 22.7
                                                                       21.7
## 2088
          10.2
                 1.3 -7.8 -11.1 -11.4
                                        -0.9
                                               8.8
                                                    15.9
                                                          21.5
                                                                 20.3
                                                                       22.1
                                                                            17.2
## 2089
          10.1
                -1.1
                     -2.1 -5.7 -10.4
                                         2.3
                                              10.9
                                                    16.3
                                                          20.8
                                                                 22.2
                                                                       20.4
                                                                             20.4
## 2090
          11.6
                 5.9
                       2.1 -6.2
                                 -1.5
                                         5.8
                                              10.0
                                                    15.9
                                                          22.7
                                                                 22.8
                                                                       22.7
                                                                             19.6
## 2091
          13.4
                 7.2 - 4.9
                           -3.8
                                   1.7
                                         3.1
                                              11.4
                                                    14.9
                                                          22.1
                                                                 23.2
                                                                       19.6
          12.4
                 3.1
## 2092
                     -4.1
                           -6.5
                                 -4.4
                                         1.7
                                               5.5
                                                    20.3
                                                          22.9
                                                                 22.6
                                                                       22.2
                                                                             18.6
           9.6
               -0.5
                     -1.6
                            -8.7
                                  -8.0
                                        -0.2
                                               9.7
                                                    14.1
                                                          20.7
                                                                 24.2
                                                                       20.7
                                                                             20.1
## 2093
                                                                 23.8
           8.2
               -0.2 -0.7
                           -4.5
                                         4.8
                                                          21.8
                                                                       21.5
## 2094
                                 -3.7
                                               7.8
                                                    13.9
                                                                             16.4
## 2095
           7.8
                 5.5 -2.9 -5.9 -12.3
                                         5.0
                                               9.9
                                                    14.8
                                                          22.8
                                                                 23.0
                                                                       23.0
                                                                             19.1
## 2096
          13.2
                 3.1 -0.1 -10.7
                                   4.7
                                        13.2
                                              16.0
                                                    17.8
                                                          17.6
                                                                13.6
                                                                        7.2
                                                                              1.5
## 2097
          -3.1
                -7.7
                     -2.6
                             3.5
                                        16.4
                                              15.0
                                                           2.0
                                                                 -5.0 -11.5
                                 18.9
                                                     4.8
                                                                             -8.3
## 2098
         -0.4
                 3.6 10.2 14.9
                                                                              2.1
                                 16.5
                                        11.7
                                               6.1
                                                     0.8 -11.1 -10.5
                                                                      -6.0
## 2099
          16.5
               16.2 18.3
                           12.8
                                   6.7
                                         2.7
                                              -3.0
                                                   -6.1 -6.7
                                                                 -3.9
                                                                        4.4
                                                                              8.1
                                                                -4.8
## 2100
          14.3
               17.7
                     18.1
                            14.3
                                   4.3
                                        -0.9 -8.2 -15.0 -12.5
                                                                        2.7
                                                                             10.2
## 2101
          15.4 18.1
                     18.5
                            13.9
                                   6.0
                                         1.4 -15.4 -10.0
                                                          -2.1
                                                                  4.7
                                                                       11.3
                                                                             12.7
                                        -7.8 -11.5
                                                    -7.9
                                                          -5.2
## 2102
          18.2
               17.6
                     13.5
                             6.0
                                   0.4
                                                                  4.6
                                                                        8.2
                                                                             19.2
                                                                       13.3
## 2103
         -7.1
               11.7
                     17.0
                            20.2
                                   3.6
                                       17.5
                                              17.0
                                                    13.5
                                                           5.6
                                                                 19.0
                                                                              5.5
## 2104
         -13.6
               -8.3
                     16.8
                            18.0
                                   7.0
                                        17.6
                                               6.4
                                                     4.5
                                                           13.1
                                                                 15.9
                                                                       19.4
                                                                              8.1
## 2105
          -4.8
                 6.1 13.6
                           16.5
                                 19.2 19.0
                                               9.6
                                                     4.8
                                                          12.4
                                                                 -0.7
                                                                       -9.8
                                                                              4.7
## 2106
          11.8
               17.1
                     12.9
                             9.1
                                  -0.3 - 15.2
                                               3.8
                                                    14.2
                                                          18.8
                                                                 18.7
                                                                       15.8
                                                                              6.1
## 2107
           2.8
                 0.7
                     -6.7
                           -4.4
                                   3.3
                                        16.4
                                              19.3
                                                    14.6
                                                           8.2
                                                                 -5.5
                                                                       -4.9
                                                                              6.9
                                                                             -1.0
## 2108
          11.0
               16.7
                      18.7
                           16.9
                                  15.5
                                        -8.8
                                              -4.6
                                                    16.2
                                                          20.5
                                                                 20.0
                                                                        6.6
          -5.7
                     -7.5
                             4.5
                                        20.4
                                                           8.2
                                                                             -6.2
## 2109
               -9.9
                                 16.2
                                              17.9
                                                    13.5
                                                                 -1.8
                                                                      -4.8
## 2110
          11.6 17.4 21.2
                           18.2
                                  13.9
                                         2.6
                                              -6.7
                                                    -7.5
                                                            5.9
                                                                12.3
                                                                      19.0
                                                                            17.8
## 2111
          20.0 14.8
                      9.9
                             0.7
                                  -2.8 -12.0 -11.1
                                                     3.7
                                                            5.5
                                                                10.6
                                                                      19.1
                                                                            21.9
               23.1 21.0
                           16.3
                                        -2.7
                                              -3.6
                                                            2.8
                                                                 10.2
## 2112
          26.6
                                   6.7
                                                    -2.4
                                                                      17.4
                                                                             21.2
          27.5
               23.4
                     19.2
                                        -0.9
                                               0.2
                                                     0.5
                                                                 12.2
                                                                      16.9
## 2113
                           14.4
                                   3.3
                                                            4.7
                                                                             21.3
                24.8
                     17.4
                            14.5
                                         1.9
                                              -4.2
                                                    -0.8
                                                                12.0
## 2114
          26.1
                                   9.1
                                                            7.8
                                                                       18.6
                                                                             22.2
                      20.6
                                              -4.8
                                                     2.4
                                                            9.2
## 2115
          27.2
               25.0
                            13.6
                                   6.6
                                         1.4
                                                                10.9
                                                                       15.3
                                                                             20.3
## 2116
          25.4 24.6
                     19.7
                            12.9
                                   5.0
                                        -7.6
                                              -9.2
                                                     2.8
                                                            6.6
                                                                  7.9
                                                                       15.1
                                                                             22.7
          25.6
               21.3
                     17.9
                            12.1
                                   3.3
                                        -5.2
                                              -1.9
                                                                             19.8
## 2117
                                                     0.9
                                                            3.3
                                                                12.1
                                                                       19.1
## 2118
          26.8 26.4
                      20.7
                             8.6
                                   4.0
                                        0.4
                                              -1.5
                                                     4.9
                                                            4.3
                                                                 7.7
                                                                       17.4
                                                                             22.0
          26.2 25.9
                     17.8
                                              -2.4
                                                                 11.2
                                                                             23.4
## 2119
                             9.3
                                   5.0
                                        -0.1
                                                      1.2
                                                            5.0
                                                                       15.6
                           11.3
## 2120
          26.8 25.8
                     17.3
                                   3.6
                                        -3.3
                                              -1.1
                                                     2.6
                                                           8.1
                                                                11.8
                                                                       17.3
                                                                             23.5
                                                           8.9
## 2121
          26.8 25.1 20.1 12.2
                                   2.8
                                        -5.2
                                              -1.6
                                                     5.6
                                                                16.4 21.4
                                                                            25.6
## 2122
          25.2 18.8 13.6
                             5.1
                                  -1.1
                                        -8.4
                                              -6.7
                                                     9.0
                                                          10.1
                                                                18.3
                                                                       23.8
                                                                             25.7
## 2123
          24.2 19.1 13.4
                             4.2
                                  -2.7
                                        -6.7
                                               0.6
                                                     5.0
                                                           8.0 13.9 25.7
                                                                             24.1
```

```
3.7 11.1
## 2124
          19.5 11.9
                        2.3 - 2.6
                                   -5.7
                                           3.4
                                                             21.3
                                                                    26.4
                                                                          24.1
                                                                                 19.4
## 2125
          10.7
                  3.9
                      -2.5
                             -4.5
                                     2.8
                                           4.9
                                                13.8
                                                       17.6
                                                             26.1
                                                                    26.8
                                                                          25.7
                                                                                 21.2
                                                             22.8
                                                                          23.6
## 2126
          14.6
                  4.4
                        0.7
                             -1.4
                                     1.3
                                           8.2
                                                11.3
                                                       14.9
                                                                    25.8
                                                                                18.7
## 2127
                       -8.9
                                                             21.8
          12.8
                  4.1
                             -8.3
                                    -5.1
                                           5.0
                                                11.3
                                                       15.7
                                                                    26.1
                                                                          23.7
                                                                                 22.1
## 2128
          14.1
                  1.1
                       -2.8
                              0.4
                                     3.5
                                           4.9
                                                10.8
                                                       15.4
                                                             23.3
                                                                    25.9
                                                                          24.1
                                                                                 19.9
## 2129
          12.3
                        4.5
                              2.7
                                     3.4
                                           6.6
                                                12.5
                                                       15.9
                                                             24.7
                                                                    26.3
                                                                          25.0
                                                                                20.7
                  5.7
## 2130
          10.6
                       -0.3
                             -3.3
                                     1.5
                                                10.4
                                                       16.3
                                                             22.5
                                                                    26.1
                                                                          25.7
                  5.3
                                           7.8
          11.0
                        0.2
                                     4.9
                                           7.7
                                                 9.3
                                                       14.8
                                                             21.0
                                                                    25.7
                                                                                 21.9
## 2131
                  5.1
                              1.3
                                                                          26.9
## 2132
          14.6
                  5.6
                      -0.9
                             -6.3
                                    -0.2
                                           6.9
                                                 9.4
                                                       19.0
                                                             21.2
                                                                    25.6
                                                                          24.8
                                                                                 20.2
          10.1
                      -2.0 -0.5
                                     0.0
                                                             22.8
## 2133
                  4.9
                                           6.7
                                                12.5
                                                       17.7
                                                                    25.0
                                                                          25.2
                                                                                17.0
## 2134
          11.6
                  3.8 -0.1
                              1.3
                                     4.7
                                           9.4
                                                11.4
                                                       15.9
                                                             23.3
                                                                    24.4
                                                                          24.4
                                                                                17.2
## 2135
                             -2.2
                                     2.8
                                                12.8
                                                             23.0
          10.6
                        0.0
                                           4.4
                                                       16.2
                                                                    24.0
                                                                          22.7
                                                                                 19.0
                  5.0
## 2136
          13.9
                  4.4
                       -2.2
                             -6.1
                                     0.7
                                           5.1
                                                11.7
                                                       16.2
                                                             24.7
                                                                    27.0
                                                                          24.6
                                                                                18.1
## 2137
          14.9
                      -1.1
                             -6.6
                                           8.6
                                                13.9
                                                       17.7
                                                             21.7
                                                                    26.9
                                                                          23.6
                                                                                20.2
                  4.8
                                    -2.4
## 2138
          12.7
                  4.8
                      -1.6
                            -1.9
                                     1.9
                                           8.2
                                                13.2
                                                       16.3
                                                             24.0
                                                                    25.6
                                                                          24.8
                                                                                 20.9
## 2139
          11.8
                  4.2
                       -6.3
                             -5.0
                                     1.0
                                           5.6
                                                 9.3
                                                       16.7
                                                             22.5
                                                                    25.3
                                                                          24.6
                                                                                 19.2
## 2140
          12.8
                  3.2
                       -3.2
                             -6.7
                                           8.4
                                                15.0
                                                       18.1
                                                             21.8
                                                                    23.9
                                                                          23.9
                                                                                19.8
                                     3.1
## 2141
          14.3
                  2.2
                       -4.2
                             -0.1
                                     2.3
                                           7.6
                                                10.0
                                                       16.6
                                                             21.2
                                                                    24.8
                                                                          22.9
                                                                                18.8
## 2142
          10.9
                       -1.6
                            -0.2
                                     1.2
                                           8.6
                                                11.8
                                                       18.5
                                                             25.4
                                                                    27.4
                                                                          26.3
                                                                                20.2
                  2.0
## 2143
          11.6
                  2.8
                        0.6
                              0.9
                                     6.3
                                           7.8
                                                10.3
                                                       13.8
                                                             19.9
                                                                    24.5
                                                                          26.1
                                                                                 20.3
## 2144
          11.8
                  6.4
                        1.8
                            -1.1
                                     4.8
                                           7.2
                                                10.4
                                                       18.0
                                                             22.9
                                                                    26.2
                                                                          25.3
                                                                                17.3
## 2145
          10.9
                  4.5
                       -0.6
                            -0.6
                                     1.4
                                           7.4
                                                 8.2
                                                       16.8
                                                             22.6
                                                                    24.6
                                                                          23.4
          11.0
## 2146
                  3.5
                      -2.0
                              0.9
                                     2.1
                                           5.6
                                                 9.3
                                                       16.9
                                                             20.0
                                                                    26.3
                                                                          25.1
                                                                                 20.9
## 2147
          11.6
                  4.7
                       -3.6
                              0.3
                                     2.8
                                           9.0
                                                 8.7
                                                       14.9
                                                             21.6
                                                                    25.4
                                                                          23.2
                                                                                 17.4
                                                                    26.7
## 2148
          12.5
                  6.2
                      -0.8
                              0.5
                                     4.2
                                           6.4
                                                       18.9
                                                             22.9
                                                                          25.9
                                                                                 19.5
                                                13.7
          12.5
## 2149
                  0.4
                      -0.6
                            -2.2
                                     2.3
                                           7.6
                                                12.3
                                                       18.1
                                                             23.6
                                                                    26.2
                                                                          24.3
                                                                                21.0
                      -2.0
                                                                          24.1
## 2150
          12.8
                  6.5
                            -2.2
                                    -0.7
                                           4.6
                                                13.5
                                                       17.1
                                                             24.5
                                                                    27.8
                                                                                18.7
## 2151
          10.6
                        0.2
                              1.8
                                     1.5
                                           7.0
                                                11.6
                                                       17.6
                                                             22.5
                                                                    29.0
                                                                          25.6
                  3.2
                                                                                 18.5
          14.2
                       -0.4
                                                             22.7
## 2152
                  2.7
                            -5.7
                                    -1.1
                                           9.9
                                                11.8
                                                       17.8
                                                                    25.8
                                                                          23.7
                                                                                18.2
          11.9
                      -2.1
## 2153
                  3.6
                              2.8
                                     3.4
                                           5.8
                                                10.8
                                                       16.6
                                                             20.4
                                                                    26.7
                                                                          23.4
                                                                                19.5
          12.7
## 2154
                  5.0
                       -1.3
                              0.1
                                     1.5
                                           5.7
                                                12.6
                                                       18.4
                                                             24.3
                                                                    26.6
                                                                          23.8
                                                                                 16.3
## 2155
          10.2
                  4.5
                       -2.2
                             -5.1
                                     2.6
                                           8.1
                                                11.8
                                                       17.1
                                                             23.5
                                                                    27.6
                                                                          25.8
                                                                                19.8
          11.7
                       -3.8
                            -5.8
                                                             22.0
                                                                          24.9
## 2156
                  5.3
                                     0.0
                                           5.2
                                                 9.3
                                                       14.7
                                                                    26.9
                                                                                19.2
                                                                                19.9
## 2157
          12.1
                  5.2
                       -3.2
                            -4.1
                                     3.6
                                           7.1
                                                10.3
                                                       18.1
                                                             21.1
                                                                    26.5
                                                                          24.3
                             -6.2
                                                             23.5
## 2158
           9.7
                  5.2
                       -8.0
                                    -2.0
                                           5.8
                                                10.9
                                                       14.9
                                                                    26.8
                                                                          23.7
                                                                                 20.7
## 2159
          13.2
                  3.9
                        2.1
                             -6.0
                                   -0.8
                                           7.2
                                                 9.8
                                                       14.4
                                                             22.3
                                                                    25.4
                                                                          26.1
                                                                                20.2
## 2160
          11.8
                  4.4
                      -1.8
                             -0.1
                                     2.2
                                           9.0
                                                13.0
                                                       18.6
                                                             25.6
                                                                    26.7
                                                                          26.0
                                                                                19.6
## 2161
          11.6
                  5.8
                      -3.3
                             -9.7
                                     0.0
                                           6.6
                                                 9.3
                                                       16.3
                                                             23.9
                                                                    26.3
                                                                          23.7
                                                                                 19.4
## 2162
           9.5
                  3.9
                      -8.9
                             -4.2
                                     1.8
                                           6.6
                                                 9.8
                                                       15.6
                                                             21.5
                                                                    26.2
                                                                          22.0
                                                                                19.6
                             -0.8
                                     3.6
                                                             23.6
## 2163
          12.4
                  2.4
                        0.1
                                           8.7
                                                10.6
                                                       14.0
                                                                    23.2
                                                                          24.1
                                                                                 20.4
## 2164
          13.8
                  3.5
                      -3.7
                             -4.5
                                   -0.3
                                           7.0
                                                10.5
                                                       15.2
                                                             25.2
                                                                    26.3
                                                                          23.6
## 2165
          14.4
                  6.9
                      -1.3
                             -1.1
                                     5.2
                                          10.0
                                                11.7
                                                       16.5
                                                             25.8
                                                                    27.0
                                                                          24.9
                                                                                20.0
          10.6
                      -0.6
                             -0.7
                                     2.3
                                           7.3
                                                12.8
                                                       19.1
                                                             25.4
                                                                    28.3
                                                                          25.6
## 2166
                  7.2
                                                                                 22.5
          10.6
                      -1.6
                            -2.8
                                           6.5
                                                12.9
                                                             21.5
                                                                    26.7
                                                                          26.0
                                                                                20.7
## 2167
                  2.0
                                     0.3
                                                       13.7
## 2168
           8.0
                      -0.6
                             -2.9
                                           8.0
                                                       18.8
                                                             22.8
                                                                          27.3
                  4.7
                                     0.4
                                                11.4
                                                                    26.7
                                                                                 19.4
                  5.4 -2.8
          12.1
                             -2.1
                                                       17.5
                                                             25.0
                                                                    27.8
                                                                          24.7
                                                                                 20.6
## 2169
                                     1.5
                                           6.5
                                                11.4
                             -3.3
## 2170
          11.0
                  6.1
                        0.3
                                   -1.9
                                          -2.6
                                                 1.8
                                                        7.2
                                                             14.2
                                                                   19.1
                                                                          21.1
                                                                                 19.8
## 2171
          16.2
                11.7
                             -1.4
                                   -2.2
                                          -2.0
                                                             12.1
                                                                    19.9
                                                                          23.6
                                                                                20.6
                        1.1
                                                 0.1
                                                        8.5
## 2172
          17.4
                 8.1
                        5.7
                              0.8
                                   -0.4
                                          -0.9
                                                 2.6
                                                        6.1
                                                             12.7
                                                                    19.5
                                                                          21.6
                                                                                20.5
## 2173
                                                        7.7
                                                             12.2
          16.5
                11.1
                        6.1
                              1.1
                                    -5.3
                                           0.6
                                                 0.5
                                                                    19.5
                                                                          20.9
                                                                                19.2
                             -1.8
                                   -4.0
                                          -3.0
## 2174
          16.2
                12.1
                        4.7
                                                 0.5
                                                        9.9
                                                             15.2
                                                                    19.3
                                                                          24.4
                                                                                22.8
                                                                    18.6
                                                                          20.5
## 2175
          16.2
                12.1
                        3.6
                            -3.6
                                   -4.5
                                          -2.5
                                                -1.4
                                                        5.4
                                                             11.1
                                                                                20.3
## 2176
          14.9 11.7
                        5.2
                              0.9
                                   -6.5
                                          -1.6
                                                  1.6
                                                        8.5
                                                            12.2
                                                                   20.0
                                                                          20.8
                                                                                19.8
                                          -6.4
## 2177
          16.9 10.2
                        5.3
                              1.2
                                   -3.9
                                                  1.2
                                                        8.6 12.7 17.1 21.6 20.7
```

```
5.4 -5.5 -5.5
## 2178
          16.4 10.7
                                         -5.0
                                               -1.0
                                                        7.1 14.5
                                                                  19.1
                                                                          22.4
                                                                                23.2
## 2179
          18.8
               10.6
                        2.8
                             -0.5
                                   -3.7
                                          -3.3
                                                -4.8
                                                        8.2
                                                            13.6
                                                                   18.4
                                                                          20.6
                                                                                20.6
                                                                          20.9
## 2180
          17.9
                10.3
                        5.9
                             -5.8
                                   -7.5
                                          -3.1
                                                 1.4
                                                        4.3
                                                             11.7
                                                                   17.4
                                                                                20.9
## 2181
                12.5
                                                                   18.3
                                                                          20.1
          20.3
                        4.8
                            -1.4
                                   -5.2
                                          -5.9
                                                 0.3
                                                        7.2
                                                             16.1
                                                                                20.1
## 2182
          14.8
                10.8
                        3.4
                             -3.2
                                   -7.3
                                          -7.6
                                                 1.6
                                                        7.5
                                                             11.9
                                                                   19.3
                                                                          21.7
                                                                                18.8
## 2183
          14.2 13.6
                        6.8
                            -5.2
                                   -2.5
                                          -4.3
                                                 0.4
                                                        7.3
                                                             14.8
                                                                   18.4
                                                                          22.8
                                                                                18.3
          16.1
                 8.9
                            -1.4
                                   -4.7
                                          -3.4
                                                -1.1
                                                             15.3
                                                                   17.9
                                                                          19.8
## 2184
                        5.6
                                                        5.1
                                                                          21.9
## 2185
          17.5
                 8.8
                              1.3
                                   -4.4
                                          -3.9
                                                            11.2
                                                                   19.7
                                                                                20.3
                        4.4
                                                 1.5
                                                        6.3
                                   -1.2
## 2186
          14.8
                 9.3
                        5.3
                              1.9
                                          -6.3
                                                -0.6
                                                        7.8
                                                             10.1
                                                                   22.5
                                                                          21.8
                                                                                20.1
          15.9
                              0.6
                                   -6.7
                                          -6.3
                                                 2.1
                                                             11.9
## 2187
                11.1
                        2.4
                                                        9.6
                                                                   18.2
                                                                          21.8
                                                                                20.8
                                          -2.6
## 2188
          18.9
                11.9
                        4.8
                             -2.8
                                   -4.0
                                                 0.3
                                                        8.8
                                                             13.5
                                                                   18.3
                                                                          22.1
                                                                                22.8
                                   -7.5
## 2189
          18.2
                11.5
                        6.0
                             -3.0
                                          -3.7
                                                 0.1
                                                        8.3
                                                             14.4
                                                                   19.4
                                                                          22.6
                                                                                22.2
## 2190
          18.5
                13.5
                        7.6
                             -1.0
                                   -5.3
                                          -2.0
                                                -1.2
                                                        5.4
                                                             12.5
                                                                   20.3
                                                                          20.3
                                                                                19.7
                                                -2.9
          18.3
                13.9
                              1.3
                                   -3.4
                                          -6.4
                                                             12.6
                                                                   15.4
                                                                          19.6
## 2191
                        4.6
                                                        5.1
                                                                                19.3
## 2192
          19.2
                 9.2
                        3.6
                              0.8
                                   -2.4
                                          -3.7
                                                 5.8
                                                        8.3
                                                             12.5
                                                                   20.1
                                                                          22.4
                                                                                22.1
## 2193
          16.5
                12.4
                        4.9
                             -1.7
                                   -2.8
                                          -5.4
                                                 0.6
                                                        7.9
                                                             11.7
                                                                   18.7
                                                                          21.1
                                                                                21.1
          15.3
                 9.6
                        7.0
                            -0.2
                                   -1.1
                                          -1.6
                                                -0.7
                                                             16.7
                                                                   19.9
                                                                          22.6
                                                                                20.9
## 2194
                                                        4.1
## 2195
          14.6
                11.7
                        8.3
                            -0.9
                                   -6.0
                                          -1.1
                                                 1.6
                                                        8.1
                                                             10.5
                                                                   19.2
                                                                          20.8
                                                                                20.6
## 2196
          16.6
                 8.5
                        1.8
                            -4.6 -10.4
                                          -3.8
                                                 4.4
                                                        8.3
                                                             16.3
                                                                   18.6
                                                                          22.8
                                                                                20.9
## 2197
          17.8
                10.6
                        7.1
                             -1.1
                                   -5.7
                                          -9.2
                                                -2.1
                                                        5.8
                                                             14.6
                                                                   18.4
                                                                          22.0
                                                                                21.3
                                                                   19.3
                                                                                20.7
## 2198
          16.0
                10.7
                        4.9
                            -0.7
                                   -5.5
                                          -9.0
                                                 3.0
                                                        6.8
                                                             13.1
                                                                          22.9
## 2199
          16.8
                10.4
                        6.1
                              1.3
                                   -3.2
                                          -5.1
                                                 0.2
                                                        7.8
                                                             15.1
                                                                   17.0
                                                                          22.4
                                                                                22.8
                                   -7.4
                                          -0.4
## 2200
          17.0
                 8.7
                            -3.9
                                                        8.4
                                                             12.7
                                                                   18.7
                                                                          21.8
                                                                                20.2
                        3.5
                                                 1.1
## 2201
          15.9
                 8.5
                        4.4
                             -1.7
                                   -7.5
                                          -4.5
                                                 0.2
                                                        5.3
                                                             16.1
                                                                   17.0
                                                                          22.3
                                                                                19.0
                                                            12.2
          16.4 11.7
                        6.5
                              3.1
                                   -2.4
                                          -1.4
                                                 2.4
                                                                          23.5
                                                                                22.3
## 2202
                                                        6.4
                                                                   19.7
## 2203
          18.3
                11.2
                        4.9
                             -4.5
                                   -6.6
                                           0.6
                                                -3.1
                                                        8.7
                                                             11.5
                                                                   19.8
                                                                          21.2
                                                                                21.9
                                   -5.4
## 2204
          16.3
                12.4
                        4.6
                              1.7
                                          -3.4
                                                 1.7
                                                        9.7
                                                             14.6
                                                                   17.2
                                                                          21.3
                                                                                20.5
## 2205
                        4.9
                            -3.5
                                   -3.7
                                          -4.5
                                                       15.2
                                                             17.8
                                                                   21.7
          17.6
                11.0
                                                 1.8
                                                                          19.9
                                                                                16.4
## 2206
                        0.0 -3.2
                                           2.6
                                                             20.7
          10.6
                 3.0
                                   -4.3
                                                10.0
                                                       15.4
                                                                   23.3
                                                                          20.6
                                                                                17.0
## 2207
           8.6
                 5.6
                        1.1
                            -3.0
                                   -3.9
                                           1.1
                                                 7.6
                                                      15.0
                                                             18.1
                                                                   23.7
                                                                          22.5
                                                                                16.6
## 2208
           8.0
                 5.8
                       -1.1
                             -0.5
                                   -4.6
                                           0.0
                                                 5.5
                                                       13.1
                                                             19.2
                                                                   22.4
                                                                          20.8
                                                                                16.4
## 2209
          10.4
                  3.6
                       -7.2
                              0.9
                                   -1.7
                                           2.1
                                                 9.2
                                                       12.4
                                                             19.1
                                                                   21.6
                                                                          21.1
                                                                                16.2
## 2210
                             -2.8
          10.9
                  5.9
                        1.1
                                     0.4
                                           3.2
                                                10.3
                                                       16.9
                                                             20.6
                                                                   22.4
                                                                          21.6
## 2211
          11.6
                  4.1
                        0.0
                            -2.7
                                   -2.4
                                          -0.2
                                                 6.6
                                                       14.1
                                                             17.4
                                                                   19.3
                                                                          19.1
                                                                                16.4
## 2212
           8.8
                  4.6
                       -0.1
                             -1.4
                                   -6.3
                                          -0.7
                                                 8.5
                                                       13.9
                                                             18.9
                                                                   22.5
                                                                          22.2
                                                                                15.2
                 4.2
## 2213
           9.6
                       -1.3
                             -8.2
                                   -5.1
                                           0.8
                                                 9.0
                                                       12.6
                                                             20.6
                                                                   22.9
                                                                          20.0
                                                                                16.6
## 2214
          11.2
                 7.3
                        1.1
                             -1.3
                                   -5.6
                                           3.2
                                                 5.7
                                                       13.6
                                                             21.1
                                                                   22.6
                                                                          22.8
## 2215
          12.3
                  2.4
                       -4.2
                             -5.2
                                   -4.3
                                          -1.7
                                                 5.7
                                                       12.4
                                                             19.8
                                                                   20.3
                                                                          21.4
                                                                                17.1
## 2216
          10.7
                  1.9
                        0.8
                             -4.1
                                   -1.1
                                           0.0
                                                 5.7
                                                       10.3
                                                             19.3
                                                                   20.3
                                                                          19.3
                                                                                15.8
          10.3
                             -0.5
                                           2.5
                                                             18.4
## 2217
                      -0.1
                                     1.2
                                                 8.2
                                                      17.1
                                                                   20.8
                                                                          21.7
                                                                                17.6
                  3.1
                                                 7.8
## 2218
          11.4
                        1.8
                             -4.7
                                   -0.5
                                          -0.5
                                                       15.3
                                                             20.2
                                                                   23.4
                                                                          19.9
                  5.5
## 2219
          10.0
                  6.5
                        0.0
                            -4.6
                                   -1.3
                                           4.4
                                                 6.8
                                                      14.1
                                                             18.7
                                                                   19.7
                                                                          19.9
                                                                                16.2
          11.2
                       -5.5
                             -2.7
                                   -2.2
                                          -0.6
                                                       14.8
                                                             19.4
                                                                   20.9
## 2220
                  3.7
                                                 8.5
                                                                          22.7
                                                                                17.0
          11.6
                        2.1
                             -0.3
                                   -0.5
                                           1.2
                                                      10.9
                                                             19.4
                                                                   22.9
                                                                          21.9
## 2221
                  8.2
                                                 7.8
                                                                                19.3
## 2222
           9.5
                       -2.0
                            -7.3
                                   -6.2
                                           0.8
                                                             17.5
                                                                   20.8
                  4.1
                                                 6.0
                                                       13.0
                                                                          21.5
                                                                                17.0
## 2223
           9.3
                        0.6
                            -8.0
                                   -3.6
                                                 7.7
                                                       14.5
                                                             17.5
                  6.1
                                           2.7
                                                                   20.5
                                                                          19.5
                                                                                18.4
## 2224
          10.8
                  5.7
                       -1.3
                             -5.2
                                   -3.0
                                          -1.2
                                                 8.2
                                                      12.5
                                                             23.0
                                                                   23.8
                                                                          22.6
                                                                                18.8
## 2225
          11.4
                  6.2
                      -2.8
                              1.2
                                   -2.4
                                           1.8
                                                             20.1
                                                                   23.2
                                                                          20.8
                                                                                15.8
                                                 8.8
                                                       14.5
## 2226
           9.4
                  6.0
                        2.8
                            -1.7
                                   -7.4
                                           1.7
                                                 6.0
                                                       15.0
                                                             20.8
                                                                   21.0
                                                                          21.8
                                                                                18.2
## 2227
          14.4
                             -1.5
                                   -3.8
                                                             19.7
                  3.9
                       -1.5
                                          -0.4
                                                10.5
                                                       12.0
                                                                   21.9
                                                                          19.6
                                                                                17.2
                                   -2.2
## 2228
           9.4
                       -1.4
                             -7.2
                                           1.9
                                                 8.4
                                                       14.3
                                                             18.0
                                                                   19.6
                                                                          21.2
                                                                                16.6
                  3.9
           9.3
                            -4.2
                                                             19.9
## 2229
                  6.7
                       -1.4
                                   -3.2
                                           3.4
                                                10.9
                                                       16.0
                                                                   23.5
                                                                          22.4
                                                                                17.0
## 2230
          10.9
                  4.6
                      -3.2
                            -5.6
                                   -3.6
                                           0.0
                                                 7.4
                                                      14.8
                                                             19.3
                                                                   24.0
                                                                          21.8
                                                                                18.6
                        2.0 -1.1
                                                 7.3
## 2231
          11.2
                  7.6
                                   -0.3
                                           8.6
                                                     17.2 20.1 24.1 22.0
                                                                                16.9
```

```
## 2232
           10.8
                  3.3
                        2.4 - 1.6 - 3.8
                                            0.5
                                                  7.2 15.6
                                                             18.7
                                                                     22.1
                                                                           20.3
                                                  7.0
## 2233
                  3.2
                       -2.2
                             -6.6
                                   -7.0
                                          -2.9
                                                       14.0
                                                              20.2
                                                                     20.3
                                                                           20.1
                                                                                  16.7
          11.5
                             -6.7 -11.4
                                          -1.5
                                                                           20.3
## 2234
          11.5
                  2.8
                        0.9
                                                  7.1
                                                        16.7
                                                              18.2
                                                                     21.7
                                                                                  19.2
## 2235
                       -2.0
                             -0.8
                                     4.0
                                            6.6
                                                        20.0
          10.3
                  8.3
                                                 15.4
                                                              24.3
                                                                     24.1
                                                                           19.4
                                                                                  13.0
  2236
           7.8
                 -0.4
                       -0.6
                               1.9
                                     0.7
                                           20.5
                                                 22.5
                                                        21.2
                                                               5.4
                                                                     -3.2
                                                                           -3.3
                                                                                  -0.1
## 2237
          -0.3
                  3.7
                       18.4
                             20.9
                                    23.9
                                          22.5
                                                 18.8
                                                         9.8
                                                               1.8
                                                                      1.0
                                                                           -4.6
                                                                                  -2.2
          -0.2
                       12.4
                             18.1
                                    23.1
                                          20.8
                                                 17.8
                                                        11.1
                                                                           -0.6
## 2238
                  6.6
                                                               1.4
                                                                      0.1
                                                                                  -2.2
           5.2
                       12.6
                              20.1
                                    24.3
                                          22.1
                                                 17.1
                                                        10.7
                                                               7.2
                                                                           -2.2
## 2239
                  5.7
                                                                      0.3
                                                                                  -4.9
## 2240
           4.2
                  8.0
                       13.8
                              21.7
                                    21.7
                                           24.3
                                                 19.2
                                                        15.0
                                                               5.4
                                                                      3.3
                                                                           -5.7
                                                                                  16.6
                       24.0
                              26.6
                                    25.0
                                                  5.7
                                                                                  23.8
## 2241
          14.7
                 19.5
                                          21.8
                                                         5.5
                                                               3.1
                                                                     14.8
                                                                           19.3
## 2242
          25.4
                 25.4
                       21.6
                              17.9
                                     8.9
                                          12.6
                                                  3.6
                                                        25.4
                                                              24.7
                                                                     25.1
                                                                           25.5
                                                                                  26.3
          27.1
                 27.7
                       27.1
                              26.3
                                                                           27.0
## 2243
                                    26.1
                                          25.0
                                                 24.7
                                                        24.2
                                                              24.4
                                                                     25.4
                                                                                  27.3
                       26.6
                                                              25.8
## 2244
          27.3
                 27.2
                              25.3
                                    24.0
                                          24.5
                                                 25.3
                                                        25.7
                                                                     26.6
                                                                           27.8
                                                                                  27.9
          27.8
                 28.1
                       27.1
                              26.3
                                    24.9
                                          24.8
                                                 26.5
                                                        26.9
                                                              27.4
                                                                     27.8
                                                                           27.0
## 2245
                                                                                  25.1
## 2246
          24.3
                 28.2
                       28.2
                              24.7
                                    26.2
                                          28.2
                                                 28.4
                                                        28.5
                                                              28.4
                                                                     26.8
                                                                           25.4
                                                                                  27.4
## 2247
          25.5
                 26.8
                       28.5
                              25.5
                                    25.2
                                           25.0
                                                 25.4
                                                        26.4
                                                              28.4
                                                                     27.6
                                                                           28.4
                                                                                  28.5
## 2248
          27.6
                 26.0
                       26.0
                              25.8
                                    27.8
                                          28.4
                                                 28.9
                                                        28.6
                                                              27.5
                                                                     25.5
                                                                           25.4
                                                                                  25.8
##
  2249
          26.0
                 26.8
                       26.9
                              28.6
                                    28.4
                                           26.5
                                                 25.0
                                                        25.8
                                                              26.6
                                                                     27.3
                                                                           28.5
                                                                                  28.9
## 2250
          27.3
                 25.9
                       25.8
                              28.4
                                    28.5
                                          25.5
                                                 29.1
                                                        27.6
                                                              26.7
                                                                     25.7
                                                                           24.7
                                                                                  25.2
## 2251
          26.6
                 28.2
                       28.7
                              28.1
                                    28.8
                                          26.7
                                                 25.7
                                                        25.1
                                                              24.4
                                                                     24.1
                                                                           25.8
                                                                                  26.5
## 2252
          27.3
                                                                     25.9
                 28.0
                       28.2
                              28.3
                                    27.9
                                          27.5
                                                 26.6
                                                        25.8
                                                              25.7
                                                                           26.1
                                                                                  26.1
## 2253
          28.8
                 28.9
                       28.1
                              28.9
                                    28.3
                                          27.1
                                                 26.6
                                                        26.5
                                                              25.7
                                                                     26.1
                                                                           26.3
          28.1
## 2254
                 28.7
                       29.0
                              28.6
                                    28.2
                                          27.6
                                                 26.8
                                                        26.0
                                                              26.1
                                                                     26.6
                                                                           26.6
                                                                                  27.9
## 2255
          28.5
                 28.8
                       28.7
                              29.3
                                    28.4
                                          27.1
                                                 26.4
                                                        25.5
                                                              25.6
                                                                     26.7
                                                                           28.5
                                                                                  28.5
                              27.1
          28.9
                 28.4
                       28.3
                                    26.4
                                          25.1
                                                 26.4
                                                              28.3
                                                                           29.1
                                                                                  28.9
## 2256
                                                        27.7
                                                                     29.0
  2257
          27.8
                 27.2
                       25.6
                              27.8
                                    28.6
                                          28.6
                                                 29.0
                                                        27.6
                                                              26.6
                                                                     26.0
                                                                           26.3
                                                                                  26.5
## 2258
          28.4
                 28.6
                       28.4
                              26.8
                                    25.8
                                          24.9
                                                 24.9
                                                        25.5
                                                              26.9
                                                                     27.9
                                                                           28.2
                                                                                  28.4
  2259
                 26.4
                       25.4
                              25.3
                                    24.7
                                           24.4
                                                 26.5
                                                              28.9
##
          27.6
                                                        28.8
                                                                     28.3
                                                                           28.4
                                                                                  26.6
                       29.3
                              28.9
                                          25.4
                                                              28.3
## 2260
          27.0
                 28.7
                                    26.8
                                                 24.6
                                                        24.5
                                                                     27.7
                                                                           28.4
                                                                                  26.1
## 2261
          25.7
                 25.8
                       26.5
                              26.4
                                    27.9
                                           28.7
                                                 28.0
                                                        27.9
                                                              25.6
                                                                     26.7
                                                                           27.6
                                                                                  28.4
## 2262
          29.2
                 29.4
                       28.0
                              27.0
                                    26.7
                                           27.6
                                                 28.4
                                                        29.3
                                                              29.2
                                                                     27.5
                                                                           26.0
                                                                                  25.6
##
  2263
          25.3
                 26.0
                       27.0
                              29.5
                                    28.2
                                          28.6
                                                 27.8
                                                        28.7
                                                              27.2
                                                                     26.4
                                                                           24.6
                                                                                  26.1
                              26.2
                                    25.8
##
   2264
          26.5
                 28.9
                       28.2
                                          26.7
                                                 28.3
                                                        29.3
                                                              29.3
                                                                     29.5
                                                                           29.2
                                                                                  28.3
                                                                           26.9
  2265
          27.1
                 26.4
                       25.3
                             15.8
                                    29.2
                                                        14.0
                                                              16.3
                                                                     23.1
                                                                                  33.2
##
                                          11.1
                                                 11.4
## 2266
          30.7
                 30.0
                       28.5
                              21.4
                                    18.4
                                          13.1
                                                 11.3
                                                         6.6
                                                               7.0
                                                                     13.5
                                                                           15.1
                                                                                  19.8
## 2267
          25.3
                27.7
                       26.5
                             22.4
                                    15.9
                                          12.9
                                                  5.8
                                                         4.8
                                                               0.9
                                                                     13.6
                                                                           14.3
                                                                                  18.6
## 2268
          24.2
                25.6
                       26.1
                             23.8
                                    19.2
                                          10.7
                                                 12.8
                                                         4.4
                                                               6.6
                                                                     11.2
                                                                           16.3
                                                                                  19.3
## 2269
          22.5
                 24.6
                       24.6
                             21.8
                                    14.7
                                           11.9
                                                  8.1
                                                         8.4
                                                              11.4
                                                                     19.9
                                                                           24.7
                                                                                  25.4
## 2270
          26.0
                 22.1
                       17.5
                              12.9
                                     6.2
                                            4.1
                                                 10.0
                                                        12.1
                                                              19.1
                                                                     23.9
                                                                           25.4
                                                                                  24.2
                                    -1.4
                                                        20.1
## 2271
          21.6
                14.6
                        7.7
                               5.1
                                            5.2
                                                 12.4
                                                              23.3
                                                                     27.3
                                                                           26.6
                                                                                  24.2
## 2272
                 12.6
                        6.5
                               2.7
                                     0.3
                                            7.8
                                                 18.4
                                                        23.4
                                                              24.5
                                                                     26.6
                                                                           23.0
          15.8
                                                                                  15.8
                               0.4
                                                        24.8
## 2273
          13.2
                  7.7
                        4.4
                                     9.5
                                          19.1
                                                 21.4
                                                              25.3
                                                                     22.5
                                                                           15.7
                                                                                  13.2
           7.1
                  4.9
                        1.7
                               8.0
                                    19.9
                                          23.3
                                                        26.6
                                                              24.3
## 2274
                                                 26.8
                                                                     15.7
                                                                            9.8
                                                                                   5.4
           1.2
                  6.9
                        7.9
                                    25.8
                                          26.5
                                                              16.0
## 2275
                              18.1
                                                 24.3
                                                        21.8
                                                                     10.7
                                                                            5.8
                                                                                   3.0
           6.3
                  9.5
                       20.4
                              22.9
                                    25.9
## 2276
                                           24.5
                                                 21.6
                                                        16.1
                                                              13.0
                                                                     10.2
                                                                            5.6
                                                                                   5.5
                       22.8
                                           23.0
                                                 17.5
                                                                      2.9
## 2277
           10.6
                 18.9
                              26.7
                                    25.7
                                                        11.8
                                                               6.1
                                                                            8.6
                                                                                   7.6
## 2278
          20.5
                 24.5
                       24.4
                              25.8
                                    22.0
                                           19.4
                                                 10.0
                                                        10.1
                                                               1.8
                                                                      4.8
                                                                           10.8
                                                                                  19.8
          23.0
                 25.9
                       24.9
                              23.0
                                                                                  19.3
## 2279
                                    18.9
                                           15.6
                                                  5.2
                                                         4.1
                                                               5.6
                                                                      9.8
                                                                           14.1
## 2280
          24.1
                 27.8
                       24.4
                              22.0
                                    18.1
                                          12.9
                                                  7.2
                                                         4.3
                                                               3.6
                                                                      8.2
                                                                           12.8
                                                                                  19.2
## 2281
                       25.9
          24.1
                 26.9
                              22.8
                                    13.6
                                           12.4
                                                  7.7
                                                         3.3
                                                               6.3
                                                                      9.8
                                                                           13.6
                                                                                  18.1
## 2282
          22.4
                 25.8
                       26.2
                              21.2
                                    13.5
                                          12.3
                                                  5.6
                                                         7.4
                                                               6.2
                                                                      9.7
                                                                           13.6
                                                                                  18.4
                       24.9
## 2283
          24.9
                25.6
                              22.7
                                    16.8
                                          11.8
                                                  1.6
                                                         8.6
                                                              10.0
                                                                     11.4
                                                                           14.8
                                                                                 18.8
                                          12.5
## 2284
          23.3
                 26.3
                       24.7
                             21.1
                                    18.3
                                                 10.6
                                                         7.0
                                                               8.4
                                                                     11.5
                                                                           16.4
                                                                                  21.4
          24.6 27.4 26.3 22.4 17.2
## 2285
                                          11.5
                                                  9.5
                                                         6.8
                                                               7.7
                                                                      9.4 14.6
                                                                                 16.4
```

```
## 2286
          22.0 27.7
                       24.2
                              23.1 15.3 12.6
                                                   7.8
                                                         6.8
                                                                3.9
                                                                      8.2
                                                                           14.1
                                                                                  20.0
                                                  5.3
## 2287
          24.5
                 27.8
                       25.2
                              23.0
                                    16.3
                                           11.9
                                                                5.8
                                                                     10.2
                                                                           18.2
                                                                                  17.5
                                                         3.0
                 26.8
                              21.4
## 2288
          25.2
                       24.0
                                    16.7
                                           13.5
                                                  10.1
                                                         7.3
                                                                4.8
                                                                     10.9
                                                                           15.8
                                                                                  19.9
  2289
                 28.4
                              22.4
##
          23.5
                       26.1
                                    18.6
                                            9.1
                                                   4.4
                                                         3.7
                                                                5.4
                                                                      7.3
                                                                           14.8
                                                                                  18.3
##
  2290
          23.4
                 25.4
                       23.8
                              22.3
                                    16.5
                                            8.1
                                                   8.2
                                                         5.2
                                                                7.7
                                                                     10.6
                                                                           12.5
                                                                                  17.7
## 2291
          22.2
                 26.0
                       24.6
                              22.1
                                    16.6
                                          10.1
                                                   6.3
                                                         7.8
                                                                8.4
                                                                     10.3
                                                                           14.7
                                                                                  19.6
                 26.0
                       26.0
                              23.9
                                                                6.9
                                                                      8.5
                                                                           14.2
## 2292
          24.3
                                    16.4
                                           11.1
                                                   9.2
                                                         7.7
                                                                                  19.1
          23.2
                 27.3
                       26.4
                              22.1
                                           12.9
                                                   7.6
                                                                     11.6
## 2293
                                    16.2
                                                         4.5
                                                                7.2
                                                                           14.0
                                                                                  21.2
##
  2294
          24.5
                 24.6
                       24.7
                              21.9
                                    16.7
                                            9.5
                                                   3.4
                                                         4.0
                                                                6.6
                                                                      8.0
                                                                           14.5
                                                                                  19.1
                       26.0
                              21.3
                                                   9.8
##
  2295
          24.3
                 24.6
                                    16.2
                                           13.3
                                                         6.9
                                                                7.5
                                                                     11.2
                                                                           17.0
                                                                                  19.2
   2296
          24.8
                 27.1
                       26.3
                              23.3
                                    17.9
                                           10.6
                                                   5.7
                                                         2.3
                                                                4.9
                                                                     10.8
                                                                           14.3
                                                                                  18.7
  2297
                       26.9
##
          23.8
                 26.7
                              23.4
                                    16.6
                                           14.4
                                                   6.8
                                                         3.8
                                                                5.8
                                                                     11.2
                                                                           15.7
                                                                                  22.8
##
  2298
          23.9
                 26.2
                       24.4
                              22.5
                                    16.0
                                           11.8
                                                   6.8
                                                         5.4
                                                                5.1
                                                                      7.3
                                                                            14.1
                                                                                  16.8
  2299
          23.9
                 27.2
                       26.7
                              24.3
                                           12.5
                                                                5.8
##
                                    17.6
                                                   5.5
                                                         8.5
                                                                      9.8
                                                                           15.8
                                                                                  19.0
## 2300
          23.5
                 27.1
                       27.3
                              21.2
                                    16.1
                                           12.5
                                                   9.5
                                                         8.6
                                                                3.6
                                                                     10.7
                                                                            14.3
                                                                                  18.5
##
   2301
          24.1
                 25.9
                       26.4
                              23.4
                                    20.8
                                           11.4
                                                   9.3
                                                         5.6
                                                                8.5
                                                                     11.4
                                                                           15.0
                                                                                  18.3
   2302
          25.6
                 25.3
                       24.8
                              22.8
                                    15.5
                                            9.6
                                                   9.1
                                                                6.0
                                                                      8.6
                                                                           15.1
                                                                                  20.2
##
                                                         3.6
##
   2303
          23.8
                 24.6
                       25.9
                              21.5
                                    17.1
                                           12.9
                                                   6.5
                                                         3.2
                                                                2.7
                                                                     10.6
                                                                           16.0
                                                                                  20.6
          26.4
                                                                           16.9
  2304
                 27.0
                       25.8
                              23.4
                                    17.2
                                           11.2
                                                         2.6
                                                                7.6
                                                                      9.4
                                                                                  20.2
##
                                                   1.6
##
  2305
          25.1
                 27.1
                       25.6
                              22.6
                                    15.6
                                           12.6
                                                   9.5
                                                         7.0
                                                                8.3
                                                                     15.2
                                                                           14.6
                                                                                  20.6
                                    16.9
                                            9.0
                                                               6.0
                                                                      7.2
##
  2306
          23.2
                 27.7
                       25.6
                              22.1
                                                   9.7
                                                         6.5
                                                                           14.8
                                                                                  19.2
  2307
          24.2
                 26.5
                       24.3
                              21.3
                                    17.8
                                           10.5
                                                   8.1
                                                         2.9
                                                                5.2
                                                                      7.9
                                                                           14.3
                                                                                  20.7
          25.6
                 25.9
                                                   7.6
## 2308
                       24.3
                              23.0
                                    19.0
                                           10.2
                                                         4.7
                                                                1.3
                                                                      8.2
                                                                           16.0
                                                                                  21.4
  2309
          26.7
                 26.7
                       26.1
                              25.6
                                    18.3
                                           14.3
                                                  14.0
                                                         6.4
                                                                8.8
                                                                     13.1
                                                                                  19.9
##
                                                                           16.0
          25.9
                 29.7
                       29.3
                              24.1
## 2310
                                    18.7
                                           10.8
                                                   7.7
                                                         6.8
                                                               10.0
                                                                     10.1
                                                                           17.7
                                                                                  18.9
  2311
          23.8
                 26.5
                       24.6
                              22.3
                                    18.3
                                           11.4
                                                   6.4
                                                         2.8
                                                               10.3
                                                                      7.9
                                                                           14.1
                                                                                  22.0
## 2312
          24.7
                 25.5
                       26.2
                              26.7
                                    18.9
                                           10.6
                                                   8.8
                                                         7.2
                                                               7.9
                                                                     10.0
                                                                           16.4
                                                                                  22.0
                 27.9
                       24.9
                              23.2
                                    19.6
                                                   9.4
                                                         7.8
                                                               8.5
##
  2313
          24.0
                                           10.3
                                                                     13.9
                                                                            13.5
                                                                                  16.9
                       26.8
                              21.9
                                                   8.4
## 2314
          23.2
                 28.1
                                    19.3
                                           13.1
                                                         6.3
                                                                6.4
                                                                      3.6
                                                                            21.2
                                                                                  24.3
## 2315
          18.4
                 11.2
                        0.3
                              22.3
                                     9.3
                                            3.7
                                                  12.8
                                                        25.5
                                                               24.2
                                                                     22.5
                                                                            15.8
                                                                                   7.5
## 2316
           2.8
                  6.2
                       14.8
                              19.4
                                    26.2
                                           16.5
                                                   1.0
                                                         0.9
                                                               14.2
                                                                     17.9
                                                                            24.3
                                                                                  26.6
##
  2317
          25.1
                 21.7
                       15.7
                               8.7
                                    -0.3
                                           -0.1
                                                   4.7
                                                         7.2
                                                              15.1
                                                                     19.6
                                                                            24.4
                                                                                  27.5
                                                                            23.2
##
   2318
          25.0
                 22.5
                       15.3
                              10.7
                                     7.5
                                            4.6
                                                   5.9
                                                        12.3
                                                               12.4
                                                                     18.3
                                                                                  26.2
                                                                           24.2
## 2319
          26.0
                 20.9
                       16.8
                               8.0
                                            4.5
                                                   4.1
                                                         5.6
                                                              14.0
                                                                     18.1
                                                                                  27.6
                                      8.5
                                                   2.3
## 2320
          24.1
                 21.0
                       16.9
                               8.8
                                      6.1
                                            0.5
                                                         5.9
                                                               13.1
                                                                     17.4
                                                                            22.2
                                                                                  25.2
                                                         6.5
## 2321
          23.7
                 22.2
                       16.5
                               7.5
                                      6.7
                                            1.4
                                                  -1.5
                                                              11.5
                                                                     18.1
                                                                           23.1
                                                                                  24.8
## 2322
          23.4
                21.9
                       13.9
                              11.1
                                    10.9
                                            2.4
                                                   4.8
                                                        10.4
                                                              11.8
                                                                     16.3
                                                                           22.3
                                                                                  26.0
## 2323
          26.2
                22.1
                       16.0
                               9.8
                                      4.5
                                            4.8
                                                   6.8
                                                         7.1
                                                              14.4
                                                                     16.8
                                                                           23.1
                                                                                  25.4
  2324
          23.3
                 20.9
                       16.6
                               8.9
                                      2.9
                                            1.0
                                                   7.6
                                                         5.1
                                                              11.3
                                                                     18.6
                                                                            22.9
                                                                                  24.4
##
## 2325
          25.6
                23.4
                       16.2
                               8.8
                                      5.8
                                            2.9
                                                   4.7
                                                         6.5
                                                              13.6
                                                                     18.8
                                                                           23.0
                                                                                  26.7
  2326
          24.2
                 22.4
                       16.7
                               7.7
                                      5.8
                                            5.4
                                                   6.6
                                                        10.5
                                                                            23.7
                                                              11.8
                                                                     16.4
                                                                                  26.5
## 2327
          25.0
                 21.4
                       16.7
                              12.1
                                      4.7
                                            3.5
                                                  0.8
                                                         2.2
                                                              21.9
                                                                     20.8
                                                                             6.7
                                                                                  17.1
                              16.2
                                    -7.2
                                                 17.9
                                                                8.5
                                                                     -4.3
##
  2328
          13.5
                 -2.6
                       19.4
                                            8.9
                                                        15.3
                                                                           19.9
                                                                                  -6.0
  2329
          -2.3
                  8.6
                               8.9
                                    -1.6
                                           -2.7
                                                  8.9
                                                               15.0
                                                                      8.5
##
                       19.1
                                                        21.2
                                                                            19.1
                                                                                  11.0
  2330
          -4.7
                               9.8
                                    -1.0
                                           14.2
                                                 19.4
                 20.7
                       18.0
                                                        18.0
                                                               11.4
                                                                     17.0
                                                                             3.3
                                                                                  -4.6
                  5.7
                                           19.4
                                                  10.9
                                                                           -2.7
                                                                                   7.2
## 2331
           1.8
                       19.0
                             21.1
                                    23.0
                                                         2.3
                                                               0.8
                                                                     -5.2
##
  2332
          12.8
                 18.0
                       23.2
                              21.1
                                    18.1
                                           11.8
                                                   2.2
                                                         0.4
                                                               -0.2
                                                                     -1.6
                                                                             6.6
                                                                                  12.6
  2333
          20.1
                 24.5
                       22.0
                                            7.5
                                                        -1.8
                                                               -3.7
                                                                                  21.2
##
                              17.1
                                    10.7
                                                   1.1
                                                                      8.4
                                                                            13.8
##
  2334
          21.7
                 23.5
                       18.3
                              13.9
                                     4.8
                                            2.6
                                                 -6.3
                                                         8.5
                                                              23.3
                                                                     20.9
                                                                            15.1
                                                                                   9.2
                  6.3
                                                               5.2
##
  2335
           4.8
                        8.0
                              12.7
                                    25.1
                                           25.1
                                                  22.8
                                                         9.4
                                                                      4.5
                                                                             6.3
                                                                                  12.3
## 2336
          17.8
                21.6
                       26.1
                              24.6
                                    14.2
                                           11.9
                                                   5.7
                                                         5.2
                                                               9.4
                                                                     11.8
                                                                            22.9
                                                                                  23.4
                                                              17.2
                                                                     23.3
## 2337
          20.1
                 15.2
                        7.5
                               0.9
                                      2.4
                                            4.4
                                                   5.9
                                                        12.6
                                                                           23.0
                                                                                  14.8
## 2338
          11.6
                  7.7
                         5.8
                               6.7
                                    15.0
                                           18.2
                                                 23.7
                                                        26.2
                                                              26.1
                                                                     22.8
                                                                           16.7
                                                                                   9.3
## 2339
           4.0 - 0.1
                         2.4
                               8.2
                                    11.6
                                           15.4
                                                 22.0
                                                        25.3
                                                              24.6
                                                                    21.8
                                                                           14.4
                                                                                  12.0
```

```
8.2 12.5
## 2340
           4.5
                  0.3
                        3.6
                                          21.0 22.6 25.7
                                                             23.8
                                                                   21.6
                                                                         14.8 10.5
## 2341
           5.3
                -0.2
                              5.4
                                   12.3
                                          14.8
                                                22.4
                                                       26.1
                                                             25.8
                                                                   22.8
                                                                          16.1
                        3.8
                                                                                11.1
                             17.3
                                   22.0
                                                                          17.1
## 2342
           3.4
                  3.9
                        7.4
                                          25.5
                                                25.7
                                                       11.1
                                                              7.6
                                                                     0.4
                                                                                22.1
## 2343
                              9.5
                                   12.9
                                                23.9
          24.3
                24.9
                       18.9
                                          16.5
                                                       23.8
                                                             21.7
                                                                    14.2
                                                                           8.7
                                                                                 6.5
## 2344
           1.1
                  4.1
                       17.8
                             21.9
                                    25.3
                                          20.2
                                                15.6
                                                       11.6
                                                              1.8
                                                                     1.2
                                                                           9.0
                                                                                14.1
## 2345
          19.3
                25.6
                       26.9
                             25.3
                                   22.2
                                          16.2
                                                 9.5
                                                        0.5
                                                              0.7
                                                                     5.0
                                                                           7.8
                                                                                14.6
          19.5
                24.8
                       27.0
                             25.4
                                   21.8
                                                        7.6
                                                                     6.2
## 2346
                                          15.5
                                                11.7
                                                              5.8
                                                                          12.3
          19.9
                22.9
                       27.8
                             25.5
                                    21.4
                                          17.1
## 2347
                                                 8.6
                                                        8.5
                                                              4.8
                                                                     4.4
                                                                           5.9
                                                                                13.4
##
  2348
          17.8
                23.8
                       26.8
                             24.3
                                    21.2
                                          17.4
                                                 9.3
                                                        6.6
                                                              1.1
                                                                     3.7
                                                                           6.2
                                                                                12.3
                23.5
                       24.7
                             23.7
                                    21.9
                                          16.9
                                                 7.5
##
  2349
          19.5
                                                        6.0
                                                              1.7
                                                                    -2.2
                                                                           5.4
                                                                                12.5
  2350
          18.8
                23.7
                       25.3
                             24.4
                                    22.8
                                          15.2
                                                12.4
                                                       11.8
                                                              3.1
                                                                     5.0
                                                                          10.5
                                                                                11.9
## 2351
          16.6
                22.9
                       26.8
                             26.6
                                    23.4
                                          17.2
                                                10.1
                                                        5.5
                                                                     7.3
                                                                           7.0
                                                                                15.4
                                                              5.4
##
  2352
          17.4
                22.9
                       25.9
                             23.8
                                   21.4
                                          17.5
                                                10.1
                                                        4.3
                                                              1.5
                                                                     7.9
                                                                           6.1
                                                                                11.8
## 2353
          20.6
                24.0
                       25.8
                             26.8
                                   25.0
                                          17.5
                                                        7.0
                                                 9.9
                                                              4.0
                                                                     6.1
                                                                           7.0
                                                                                15.2
## 2354
          20.6
                24.7
                       27.2
                             25.6
                                   22.8
                                          16.9
                                                 7.3
                                                        5.9
                                                              6.4
                                                                     6.7
                                                                           9.8
                                                                                11.6
##
   2355
          15.4
                22.9
                       27.2
                             25.1
                                    21.1
                                          16.8
                                                 12.5
                                                        5.5
                                                              3.4
                                                                     3.7
                                                                           8.7
                                                                                13.3
  2356
                23.0
                       25.3
                             25.2
                                   22.1
                                          18.5
                                                 8.1
                                                        8.5
                                                              1.8
                                                                    -6.0
                                                                          -0.8
                                                                                16.5
##
          17.7
##
   2357
           6.6
                  9.0
                       18.8
                              2.8
                                   -8.4
                                           4.6
                                                10.5
                                                       15.1
                                                             -7.2
                                                                    19.7
                                                                          16.0
                                                                                -5.0
                                                                          17.8
  2358
           6.8
                -3.1
                       17.0
                              1.6
                                   -5.1
                                          -0.4
                                                20.5
                                                       -2.3
                                                              3.2
                                                                     9.7
##
                                                                                21.8
                                          -7.1
##
  2359
          19.8
                14.4
                        6.0
                             -1.2
                                   -3.1
                                                 5.3
                                                       11.1
                                                             18.4
                                                                   19.0
                                                                          20.7
                                                                                15.1
## 2360
          12.3
                  2.5
                      -0.9
                             -8.8
                                   12.5
                                          18.7
                                                25.0
                                                       26.7
                                                             26.9
                                                                    23.9
                                                                          16.9
                                                                                 9.0
  2361
          10.1
                24.0
                       19.2
                             -5.1
                                    14.5
                                          20.0
                                                 2.4
                                                       12.7
                                                             24.2
                                                                    23.9
                                                                           8.8
                                                                                  0.0
## 2362
           5.8
                12.7
                      -3.6
                             11.9
                                   24.9
                                          22.3
                                                -0.4
                                                       -0.6
                                                             15.9
                                                                    23.5
                                                                          24.6
                                                                                22.0
           8.4
                  0.6
                      -1.1
                             -6.1
                                   11.7
                                          16.4
                                                23.5
                                                       23.1
                                                             23.6
                                                                    20.9
##
  2363
                                                                          15.0
                                                                                  5.1
           4.7
                                                22.7
                                                       25.3
                                                             22.9
                                                                                  8.9
## 2364
                -5.0
                        3.3
                              2.5
                                   11.0
                                          16.1
                                                                   18.9
                                                                          12.8
                                                23.8
  2365
           2.5
                  0.7
                       -1.2
                             12.0
                                   16.3
                                          22.9
                                                       24.2
                                                             20.5
                                                                   16.3
                                                                           5.9
                                                                                 7.2
##
  2366
          -2.0
                  7.9
                        6.4
                              1.6
                                    0.8
                                          -2.3
                                                10.9
                                                       19.6
                                                              7.4
                                                                     2.3
                                                                           2.9
                                                                                10.4
                        3.8
                              3.2
                                           4.5
                                                             14.8
##
  2367
          13.6
                13.3
                                   -6.7
                                                 1.8
                                                       13.1
                                                                    24.4
                                                                          27.9
                                                                                21.2
                                           2.4
                                                             20.6
                                                                   28.4
## 2368
          12.3
                  7.3
                       -0.3
                             -4.1
                                   -5.8
                                                15.7
                                                       19.4
                                                                          26.8
                                                                                21.2
## 2369
          12.5
                  0.3
                       -4.9
                             -5.9
                                   -3.4
                                           3.0
                                                 9.4
                                                       18.7
                                                             25.1
                                                                    24.4
                                                                          24.4
                                                                                19.2
## 2370
          15.9
                  3.6
                       -0.5
                             -8.1
                                    -0.2
                                           3.2
                                                 10.7
                                                       16.7
                                                             21.9
                                                                   27.3
                                                                          24.9
                                                                                10.9
##
  2371
           2.8
                  1.3
                       -3.2
                             -6.1
                                     1.9
                                          10.7
                                                 18.7
                                                       21.1
                                                             22.6
                                                                   24.2
                                                                          19.9
                                                                                -3.2
                                          26.0
##
  2372
          -7.7
                -4.2
                        3.8
                             10.4
                                   17.3
                                                 10.2
                                                        0.6
                                                              1.6
                                                                   -6.2
                                                                          -6.8
                                                                                -4.8
                                                                          -0.6
## 2373
          12.0
                16.9
                       21.4
                             24.2
                                   23.9
                                          19.9
                                                13.3
                                                        4.8
                                                             -2.1
                                                                   -4.6
                                                                                 4.1
                             24.2
## 2374
           8.5
                15.3
                       21.4
                                   23.6
                                          16.8
                                                12.8
                                                        3.2
                                                             -6.8
                                                                   -8.5
                                                                          -4.0
                                                                                -0.4
## 2375
          10.0
               20.7
                       21.5
                             23.7
                                   22.9
                                          16.9
                                                13.2
                                                        4.9
                                                             -2.4 - 10.9
                                                                          -3.3
                                                                                 6.2
## 2376
          11.9
               16.3
                       23.8 24.9
                                   23.1
                                          18.8
                                                17.3
                                                        6.1
                                                             -7.7
                                                                   -1.7
                                                                          -1.1
                                                                                  0.9
## 2377
          11.0
                19.3
                       21.2
                             25.5
                                   20.8
                                          17.7
                                                 10.7
                                                        4.8
                                                             -4.6
                                                                   -5.5
                                                                          -6.4
                                                                                -3.7
## 2378
          10.6
                19.3
                       21.1
                             23.4
                                   21.9
                                          14.9
                                                  4.9
                                                        1.3
                                                             -8.6
                                                                   -3.3
                                                                           5.1
                                                                                 7.9
                             21.0
## 2379
          15.7
                21.3
                       25.5
                                   16.5
                                          11.1
                                                 3.3
                                                       -3.5
                                                             -4.6
                                                                     5.3
                                                                          11.3
                                                                                14.3
  2380
          20.5
                23.5
                       22.4
                             17.3
                                           3.3
                                                -1.9
                                                       -6.1
                                                             -2.7
                                                                     7.5
                                                                          11.2
                                   11.2
                                                                   10.9
## 2381
          23.4
                25.5
                       24.7
                             17.8
                                   12.6
                                           2.4
                                                -4.9
                                                       -3.0
                                                             -0.9
                                                                          16.9
                                                                                19.5
                23.4
                       18.9
                              9.6
                                          -4.2
                                                -9.2
                                                       -0.9
                                                              1.0
##
  2382
          24.7
                                     3.8
                                                                   19.1
                                                                          22.7
                                                                                24.1
                17.9
                       10.1
                              2.4
                                          -8.2
                                                -4.6
                                                        2.1
                                                             15.1
                                                                   24.5
## 2383
          23.7
                                   -2.1
                                                                          22.5
                                                                                22.6
                        4.4
                             -1.8
                                   -6.3
                                          -3.5
## 2384
          19.3
                14.0
                                                 4.0
                                                       16.6
                                                             22.3
                                                                    23.5
                                                                          23.0
                                                                                18.7
                      -5.8
                             -4.7
                                    -1.6
## 2385
          10.2
                  2.8
                                           6.7
                                                15.7
                                                       23.3
                                                             23.8
                                                                   24.4
                                                                          17.6
                                                                                13.9
##
  2386
           4.5
                -4.9
                       -0.9
                              5.5
                                   11.8
                                          16.9
                                                21.5
                                                       28.3
                                                             22.3
                                                                   16.7
                                                                          14.0
                                                                                  4.4
##
  2387
          -1.9
                -4.5
                       -0.1
                              9.6
                                   19.1
                                          22.7
                                                26.1
                                                             16.9
                                                                   14.5
                                                                                -0.8
                                                       26.1
                                                                           5.2
##
  2388
          -3.4
                  2.4
                        4.8
                             16.2
                                   22.9
                                          26.2
                                                24.5
                                                       19.2
                                                              8.9
                                                                     0.4
                                                                          -4.5 - 10.2
                                   27.1
                 7.7
                       20.9
                             24.1
                                                              4.2
## 2389
           0.2
                                          22.4
                                                19.6
                                                       11.6
                                                                   -3.5 -11.0
                                                                                -8.6
                                                             -4.1 -11.6
## 2390
           2.0
                16.7
                       23.5
                             23.7
                                   24.1
                                          21.6
                                                11.8
                                                        3.6
                                                                          -9.6
                                                                                 2.4
                       24.4 24.2 19.4
## 2391
          16.7
                22.9
                                          11.6
                                                 1.9
                                                       -0.2
                                                             -5.1
                                                                   -6.4
                                                                           0.6
                                                                                16.7
                             18.4
## 2392
          22.3
                26.2
                       24.2
                                    9.3
                                           4.4 - 3.5
                                                      -4.5
                                                             -1.9
                                                                     5.1
                                                                          15.1
                                                                                22.7
                                          -4.8 -12.2
## 2393
          24.4 21.6 19.4 10.2
                                    4.7
                                                      -5.4
                                                              1.5
                                                                  17.1
                                                                         19.6
                                                                                25.1
```

```
3.5 -1.8 -3.7 -1.2
## 2394
          22.5 18.0 12.9
                                                    2.7 13.8 21.0
## 2395
          3.6 - 13.5
                     -5.5
                             0.4 - 0.9
                                       14.6
                                             22.2
                                                   24.0
                                                          24.5
                                                                16.6
                                                                      11.4
                                                                            3.8
         -2.4 - 7.5
## 2396
                     -4.6
                             6.1 17.6
                                       19.8
                                             24.5
                                                   20.8
                                                         16.7
                                                                11.0
                                                                      -2.1
                                                                           -7.9
## 2397
                                 17.2
                                       23.3
                                              25.3
                                                    21.1
         -0.6 -4.3
                       6.7
                           11.7
                                                          19.4
                                                                11.7
                                                                       1.1
                                                                            -1.7
## 2398
         -1.7
                2.8
                       5.6
                           13.3
                                 19.4
                                       23.7
                                              25.9
                                                    21.8
                                                          18.4
                                                                 9.4
                                                                       6.1
                                                                            -0.6
## 2399
         -6.1
               -4.2
                       5.1 10.9 20.0 25.2
                                             24.8
                                                    25.5
                                                          19.9
                                                                10.2
                                                                       4.6
                                                                            -0.9
          0.6
               -8.5
                       2.9
                           12.6 17.2 21.0
                                              25.4
                                                    23.7
                                                          17.6
                                                                12.6
## 2400
                                                                       2.7
                                                          21.1
          1.2 -0.4
                       5.7 10.4
                                 15.0
                                       23.2
                                              23.7
                                                    24.2
                                                                12.4
## 2401
                                                                       6.5
                                                                            -5.8
## 2402
          -8.3
                 1.8
                       5.8 12.3
                                 19.4
                                       23.8
                                              24.3
                                                    23.7
                                                          19.0
                                                                11.1
                                                                      -0.8
                                                                             0.1
## 2403
          0.3
                                       20.9
                                                    20.6
                 2.3
                       6.3
                             9.7
                                 17.0
                                              21.3
                                                          18.1
                                                                12.2
                                                                       1.3
                                                                            -2.4
                                       20.9
## 2404
         -6.8
               -6.1
                       1.6
                             8.7
                                 16.1
                                              23.4
                                                    23.4
                                                          15.5
                                                                10.4
                                                                       1.8
                                                                            -1.3
                                              22.9
                                                    22.3
## 2405
         -5.1
               -5.0
                       5.8
                           10.9
                                 16.5
                                       22.8
                                                          19.2
                                                                12.8
                                                                       5.3
                                                                            -1.7
## 2406
         -4.9
               -0.6
                       4.0
                           14.5
                                 22.0
                                       25.8
                                              26.1
                                                    17.3
                                                          11.8
                                                                 1.1
                                                                      -2.7
                                                                            -8.2
         -2.5
## 2407
                     23.0 17.0
                                        5.1
                                              14.6
                                                    23.2
                                                          25.1
                                                                22.8
                 1.4
                                 12.0
                                                                      19.1
                                                                             1.7
## 2408
          2.0
                 0.5
                     11.2 19.3
                                 21.1
                                       25.0
                                              24.3
                                                    22.1
                                                          13.4
                                                                 6.6
                                                                      -0.5
                                                                            -5.1
## 2409
          2.1
                 4.3
                     11.0
                           16.9
                                 21.7
                                       27.0
                                              22.7
                                                    17.8
                                                          12.0
                                                                 8.5
                                                                      -0.4
                                                                            -2.6
          2.5
                 7.1
                     11.1
                           19.0 21.5
                                       24.0
                                              25.2
                                                    20.0
                                                          14.3
                                                                 0.9
                                                                      -9.1
                                                                            -2.9
## 2410
## 2411
         -5.8
                 1.8
                     13.3
                           17.6
                                 22.1
                                       26.2
                                              24.5
                                                    18.5
                                                          12.1
                                                                 9.8
                                                                       0.2
                                                                            -0.9
## 2412
               13.1 19.3 22.4 25.0
                                       27.4
                                              27.1
                                                    17.4
                                                           9.5
                                                                10.5 11.2
                                                                           18.0
         12.5
## 2413
         21.8
              25.4
                     25.8 26.3 23.4
                                       19.6
                                              11.4
                                                    14.2
                                                           8.5
                                                                 1.2 - 10.1
                                                                            -5.2
## 2414
                                                               11.5
          4.5
               18.7
                     21.3 22.5
                                14.3
                                       -1.5
                                             -4.2 - 12.5
                                                           6.2
                                                                     21.7
                                                                            25.8
## 2415
         20.5
               16.9
                      8.8
                             1.4 -11.9 -10.2 -2.6
                                                   -7.9
                                                          -0.9
                                                                 8.9
                                                                     13.3
         18.4
                                 -2.1
                                                     2.9
## 2416
               13.7
                      5.5
                             1.5
                                       -6.6 -11.1
                                                           8.1
                                                               13.0
                                                                       9.3
                                                                             0.1
         -6.2
               -8.1
                     -8.9
                             3.4
                                  7.2
                                       16.8
                                              13.4
                                                     8.0
                                                           0.7 - 10.0 - 11.9
                                                                            -7.5
## 2417
               14.3
                                 -7.4
          3.3
                     14.2
                             6.1
                                       -5.2
                                               5.8
                                                   12.4
                                                          18.8 11.3
                                                                       1.6
                                                                            -6.8
## 2418
                           16.2 12.3
## 2419
        -11.0
               -7.7
                      7.2
                                        8.3
                                               1.7
                                                    -3.5
                                                          -5.6
                                                               -2.6
                                                                       9.1
                     -7.6
## 2420
          6.5
                 0.9
                           -7.4
                                  1.2
                                       13.4
                                              16.4
                                                    14.0
                                                          7.5
                                                               -0.1 -14.5 -12.8
          1.3
                 9.7
                     12.1
                             7.0
                                 -3.7
                                         3.2
                                              14.7
                                                    -6.8
                                                          -8.3 -13.8
                                                                     -5.4
                                                                            -7.5
## 2421
          2.0
                     12.5
                                                   -3.9
                                                          -5.0
## 2422
                 6.9
                           17.1
                                 17.3
                                        4.4
                                               1.3
                                                               15.1
                                                                       7.5
                                                                            15.0
                                                     7.6
## 2423
          5.9
                 8.2
                      5.7
                            25.7
                                  20.1
                                       23.6
                                              15.5
                                                           3.7
                                                                23.1
                                                                       5.7
                                                                             6.9
## 2424
          13.2
               17.0
                     22.8
                           27.1
                                 24.7
                                        19.8
                                               4.2
                                                     2.7
                                                           3.5
                                                               14.0 17.6
                                                                            23.2
## 2425
         24.9
               25.0
                     20.8
                           17.1
                                  7.6
                                        8.5
                                               1.9
                                                    21.0
                                                           9.0
                                                                 0.8 - 10.7
                                                                             6.5
               -9.8
## 2426
          14.4
                     11.0
                           24.3
                                 21.0
                                       11.3
                                               2.4
                                                   -2.8
                                                          -4.6
                                                                -3.1
                                                                       9.6
                                                                            19.9
## 2427
          15.6
                1.7
                     -8.3
                          12.7
                                  20.0
                                       19.0
                                               0.4 - 11.2
                                                           6.2
                                                                14.7
                                                                     19.8
                                                                            -4.3
                                 -7.2
## 2428
         -7.1 -10.6
                     14.1
                           21.7
                                       -3.1
                                               0.3
                                                   -9.3
                                                          -2.3
                                                                -7.7
                                                                       6.9
                                                                            13.8
## 2429
         23.2 23.7
                     21.1
                           16.3
                                  2.8
                                       -2.5
                                              -3.8 -11.2
                                                          7.7
                                                                15.0
                                                                      24.1
                                                                            23.5
## 2430
         22.5
              19.0
                     12.1
                             3.2
                                 -4.1 -10.3
                                              -7.2
                                                   18.9
                                                          -7.1
                                                                 2.5
                                                                      -6.1
                                                                            17.3
         -3.0
## 2431
               -8.1
                     12.4
                          18.6
                                 -3.4
                                       -9.7
                                              -5.6
                                                     6.0
                                                           1.3
                                                                -5.5
                                                                      -7.0
                                                                            15.1
## 2432
         12.9 -0.7
                     -1.1
                             4.7
                                 -5.6
                                       11.8
                                               3.9
                                                   -1.4
                                                          -5.7
                                                                -9.2
                                                                       1.4
                                                                             9.8
                     19.3
                           10.9 -4.6
                                       -8.8
                                              -6.4
                                                                16.5
                                                                     18.6
## 2433
         11.8 16.0
                                                     2.1
                                                           8.1
                                                                            15.3
## 2434
         10.7
                 4.9
                      0.6
                           -3.7 -12.2
                                       22.1
                                              14.8
                                                     8.3
                                                         14.6
                                                                -1.1
                                                                      13.7
## 2435
         10.4
                 4.0 26.7
                           23.8 10.5
                                        6.5
                                              10.6
                                                   16.7
                                                          24.7
                                                                22.5
                                                                      19.2
                                                                             6.8
                     23.5
                           14.3
                                  5.9
                                       14.2
                                              21.8
                                                    24.9
                                                          21.8
## 2436
          6.8
              21.8
                                                                12.3
                                                                      22.0
                                                                            25.8
          3.0
                1.6
                     11.3
                           12.2 15.7
                                       23.7
                                              27.4
                                                    22.3
                                                          17.3
## 2437
                                                                 6.6
                                                                       7.4
                                                                            15.8
         22.4
                     25.5
                           12.8
                                        9.2
                                              22.0
                                                    22.3
## 2438
               26.0
                                   5.4
                                                          16.4 10.7
                                                                      17.0
                     29.1
                           25.6
                                       12.4
                                               5.5
                                                                      24.1
## 2439
          4.2
                23.5
                                 19.0
                                                     9.5
                                                          10.0
                                                               18.9
                                                                            29.0
               16.5
                                                    27.6
## 2440
         24.0
                      8.1
                             8.3
                                 16.6
                                       21.1
                                              26.4
                                                          10.0
                                                                 6.0
                                                                      21.6
                                                                            25.9
## 2441
         24.0
                 9.2
                       3.9
                           26.5
                                 28.8
                                       27.4
                                              24.9
                                                    19.5
                                                                            21.5
                                                           6.5
                                                               10.5
                                                                      18.9
## 2442
         26.0
               10.4 13.5 21.3 23.6
                                       18.5
                                              13.8
                                                     4.6
                                                         10.7
                                                                25.0
                                                                      27.6
                                                                            24.8
                9.9
                                       27.1
## 2443
          19.0
                     10.6
                           17.8 23.4
                                              28.1
                                                    10.0
                                                           9.1
                                                               16.7
                                                                      21.5
                                                                            25.7
## 2444
         26.5
                7.2
                     -2.6
                          -9.0 -12.9
                                        3.4
                                              -6.3
                                                    0.3 -11.4 -12.5
                                                                       1.6
                                                                             9.7
         -20.2
                      5.4
                                       24.6
## 2445
               -5.1
                            5.8 - 15.0
                                             26.4
                                                   22.8 17.4 14.7
                                                                      20.6
                                                                            23.8
## 2446
         29.0 18.9 15.4 18.0 21.3
                                       25.2 26.7
                                                    26.5 14.9 21.6 27.4
         27.7 27.0 24.7 19.5 28.4 28.1 27.9 23.1 18.8 17.1 25.5 27.6
## 2447
```

```
## 2448
          26.9 19.3 25.4 25.8 27.1
                                        26.4 23.0 16.8 17.7 24.2
                                                                       27.1
## 2449
          22.7
               19.5
                      25.3
                            27.7
                                  28.2
                                        26.4
                                               16.3
                                                     14.0
                                                           25.8
                                                                 27.4
                                                                       27.2
                                                                              26.2
                                                     28.9
                                                           27.9
## 2450
          23.4 22.6
                      13.8
                            15.6 22.4
                                        25.2
                                               27.8
                                                                 23.6
                                                                       19.5
               22.9
                            28.3
                                  27.4
                                               20.3
                                                                       27.7
## 2451
          19.1
                      28.2
                                        24.4
                                                     21.6
                                                           24.5
                                                                 26.8
## 2452
          19.2 14.2
                      19.7
                            27.0
                                  27.2
                                        26.3
                                               19.2
                                                     18.3
                                                           23.8
                                                                 25.3
                                                                        26.9
                                                                              27.7
## 2453
          26.7
               25.2 14.2 15.1
                                  18.5
                                        21.5
                                               25.1
                                                     26.6
                                                           27.6
                                                                 28.5
                                                                        27.1
                                                                              25.1
                20.0 14.3
                            -9.5
                                  14.9
                                        10.8
                                               21.1
                                                     -2.5
                                                           16.0
## 2454
          18.3
                                                                 13.3
                                                                        -0.3
                                                                       17.2
## 2455
               -7.6 -11.4
                            -7.7
                                  -3.3
                                        13.8
                                               20.8
                                                      4.9
                                                           -0.8 22.3
          -4.0
                                                                               0.6
## 2456
          -3.2
                 6.2
                       5.8
                            13.5
                                  22.9
                                        14.9
                                                2.3
                                                    -4.3
                                                           -5.7 -12.4
                                                                         6.9
                                                                              14.6
                                                                19.4
          23.6 22.7
                      21.3
                                  11.2
                                          1.3
                                               -6.1 -13.0
## 2457
                            17.5
                                                           -1.5
                                                                        20.7
                                                                              14.0
## 2458
           2.8 - 10.7
                       7.1
                            16.3
                                  20.7
                                        12.4
                                               21.1
                                                     16.1
                                                            1.0 -10.0
                                                                        -5.9
                                                                              -5.4
                      22.3
                             1.7
                                        -2.9
                                                                        -7.3
## 2459
          10.8 15.2
                                  -6.5
                                               16.4
                                                     20.9
                                                           14.4
                                                                  1.8
                                                                               4.2
               17.2 -12.7
## 2460
          18.7
                             3.7
                                  14.9
                                          6.8
                                               -2.9
                                                     -8.2 - 13.9
                                                                  6.6
                                                                        21.4
                                                                              20.0
          18.8
                 3.2
                     -8.9
                            -5.8
                                   4.9
                                        12.9
                                               19.9
                                                     20.3
                                                           20.2
                                                                 11.2
                                                                              -8.0
## 2461
                                                                         4.1
## 2462
          -3.1
                 9.3
                     11.3 19.7
                                  20.1
                                        16.9
                                               15.9
                                                     -0.5
                                                           -7.9
                                                                 -8.8
                                                                         1.9
                                                                              20.7
## 2463
          21.6 16.7
                      -2.0 -10.1
                                   6.8
                                        19.5
                                               -1.3
                                                     -6.4
                                                            5.6
                                                                 18.7
                                                                        23.1
                                                                              20.9
## 2464
          13.1
                 6.0
                       4.1 -4.8
                                  -6.9 -11.8
                                                6.9
                                                     12.2
                                                           20.2
                                                                 20.0
                                                                        19.6
                                                                              14.8
## 2465
          10.9
                 1.7
                      -2.9 -10.6
                                   1.8
                                        17.0
                                               21.3
                                                     22.4
                                                           11.7
                                                                  1.0
                                                                        -0.4
                                                                              13.5
                                                                  1.0
## 2466
          18.4 23.8 26.3 24.6
                                  20.9
                                        13.6
                                                7.0
                                                     -0.6
                                                           -3.1
                                                                         5.0
                                                                             12.5
## 2467
          18.4 22.6
                      26.6
                           23.4
                                  19.8
                                        12.5
                                                8.7
                                                      4.0
                                                            1.3
                                                                  3.0
                                                                        10.5
                                                                              11.5
                                        13.4
## 2468
          19.5
               21.8
                      26.4
                            23.9
                                  19.4
                                                4.9
                                                      4.0
                                                            0.4
                                                                 -0.1
                                                                         3.5
                                                                              11.5
## 2469
          16.4 21.3
                      25.9
                            22.2 19.0
                                        14.1
                                                5.2
                                                      1.2
                                                           -4.7
                                                                 -2.7
                                                                         2.6
                                                                              10.9
          17.2 22.7
## 2470
                      24.5
                            22.5
                                  18.4
                                        14.0
                                                4.2
                                                      2.4
                                                           -2.8
                                                                 -6.5
                                                                         2.2
                                                                              12.0
          20.4
               22.5
                      24.3
                            24.0
                                  21.6
                                        12.6
                                                8.8
                                                      7.3
                                                           -1.3
                                                                         9.0
                                                                              11.3
## 2471
                                                                   1.0
          15.4 23.1
                      26.2
                            25.7
                                  21.9
                                        14.6
                                                7.6
                                                            2.3
                                                                              14.6
## 2472
                                                      2.1
                                                                  5.0
                                                                         4.5
## 2473
          16.3
               22.9
                      25.0
                            22.4
                                  18.7
                                        16.1
                                                6.2
                                                      0.7
                                                           -2.0
                                                                   3.5
                                                                         3.5
                                                                               9.3
## 2474
          19.5
                22.3
                      24.8
                            24.4
                                  21.0
                                        14.0
                                                5.5
                                                      3.2
                                                           -0.8
                                                                   1.4
                                                                         4.7
                                                                              13.8
## 2475
                22.5
                      26.9
                            24.7
                                  21.9
                                        14.7
                                                5.3
                                                      2.3
                                                            2.8
          19.0
                                                                  4.0
                                                                         8.8
                                                                               9.2
                      25.4
                            23.3
                                  18.2
                                                9.9
                                                                 29.5
## 2476
          15.7
               22.9
                                        12.3
                                                      2.8
                                                            1.7
                                                                        28.2
                                                                              22.1
                      28.5
## 2477
          24.3
                28.2
                            12.7
                                  27.9
                                        28.6
                                               26.1
                                                     20.1
                                                           12.1
                                                                  9.7
                                                                        19.3
                                                                              22.3
## 2478
          26.3
                27.8
                      28.7
                            25.3
                                  21.9
                                        20.7
                                               28.7
                                                     22.3
                                                            8.8
                                                                 13.3
                                                                        19.4
                                                                              21.9
## 2479
          26.9
               29.5
                      27.5
                            25.8
                                  21.9
                                        16.9
                                               11.3
                                                     20.2
                                                           26.8
                                                                 29.4
                                                                        27.6
                                                                              25.1
## 2480
          19.9
                17.1
                       7.7
                            18.2
                                  28.6
                                        30.0
                                               19.5
                                                     12.7
                                                            9.1
                                                                 11.9
                                                                       19.6
                                                                             23.3
          28.6
## 2481
               30.4
                      11.5
                             9.9
                                  18.4
                                        23.3
                                               26.7
                                                     29.3
                                                           29.5
                                                                 19.9
                                                                       16.5
                                                                              10.6
## 2482
           9.7
                 6.9
                      18.5
                            21.8
                                  26.4
                                        26.9
                                               27.6
                                                     26.2
                                                           21.8
                                                                 14.6
                                                                        16.6
                                                                               8.3
                                                                  5.2
## 2483
           1.6
                 9.0
                       6.2
                             9.1
                                  -7.9
                                         4.8 -10.2 -11.0
                                                           -4.0
                                                                       10.6
                                                                               6.0
## 2484
         -16.5 -13.6
                      -6.3
                             5.6
                                   9.1 - 16.1
                                                1.1
                                                      3.6
                                                            4.5
                                                                  6.3
                                                                         9.6
                                                                             16.7
## 2485
          21.4 23.9 16.0
                             9.0
                                   5.6
                                          1.1
                                               -2.9
                                                      1.3
                                                            2.2
                                                                  9.0 14.2
                                                                              20.1
## 2486
          22.7
                21.6
                      15.7
                            10.1
                                    2.8
                                          0.9
                                               -1.9
                                                     -1.3
                                                            5.8
                                                                  4.9
                                                                       13.6
                                                                              19.6
                            10.2
               20.3
                                        -2.0
## 2487
          22.6
                     17.5
                                   1.3
                                                0.0
                                                      1.2
                                                            2.9
                                                                  7.2 15.2
                                                                             17.4
          23.6
               22.2
                      20.1
                            10.2
                                   5.7
                                        -1.6
                                                1.1
                                                      3.8
                                                            6.6
                                                                  6.0
                                                                       12.8
## 2488
## 2489
          23.4
               21.9
                     15.3
                            11.5
                                   8.5
                                          1.1
                                                0.7
                                                      4.1
                                                            4.8
                                                                 10.1
                                                                       15.3
                                                                             19.6
                23.7
                      17.8
                                                                  9.9
## 2490
          25.0
                            10.4
                                  -1.6
                                        -1.9
                                               -1.0
                                                     -1.9
                                                            4.4
                                                                       14.1
                                                                              20.9
          25.0
               23.1
                      19.4
                            11.0
                                        -0.1
                                               -1.4
                                                      0.8
                                                            1.0
## 2491
                                   5.1
                                                                 10.1
                                                                       13.5
                                                                             21.8
                      17.7
                                                2.8
                                                     -2.3
## 2492
          24.7
                22.1
                             7.1
                                    3.2
                                          1.0
                                                            4.5
                                                                 10.4
                                                                       14.3
                                                                              16.9
          25.1
                            12.9
                                                     -0.6
                                                                       15.2
## 2493
                23.3
                     15.3
                                    2.4
                                          0.4
                                               -0.1
                                                            8.1
                                                                  8.7
                                                                              17.6
## 2494
          21.5
                20.1
                      17.1
                            10.5
                                    3.0
                                          1.6
                                                0.2
                                                      2.0
                                                            4.1
                                                                  8.0
                                                                       14.0
                                                                              18.9
## 2495
          25.4
               22.0
                      19.6
                            11.1
                                        -1.0
                                                3.1
                                                     -0.5
                                                                       15.8
                                                                              22.5
                                    6.0
                                                            3.6
                                                                 10.9
## 2496
          24.5
               22.7
                      15.0
                             9.8
                                   4.8
                                        -0.2
                                               -6.2
                                                     -1.6
                                                            7.9
                                                                  8.3
                                                                       14.5
                                                                              20.5
                                               -2.2
## 2497
          24.6
               24.0
                      18.4
                            12.0
                                   5.3
                                        -2.8
                                                      1.1
                                                            4.1
                                                                  8.0
                                                                       13.3
                                                                              19.8
## 2498
          25.4
               22.0
                      16.5
                            11.2
                                    6.2
                                        -2.5
                                                1.8
                                                      3.0
                                                            5.6
                                                                  7.8
                                                                       15.0
                                                                              18.0
                     17.5
## 2499
          21.3 21.3
                             6.1
                                    6.0
                                        -3.9
                                               -0.9
                                                     -1.5
                                                            5.0
                                                                  8.8 12.2
                                                                             20.5
## 2500
          23.6 23.2 19.4
                            12.9
                                   3.5
                                          1.3
                                               -1.1
                                                     -1.7
                                                            6.3
                                                                  9.1 11.7
                                                                              20.1
                                                2.3
## 2501
          24.4 25.0 17.9 11.4
                                   4.2
                                        -2.9
                                                     -1.9
                                                            9.6
                                                                11.8 15.8 23.9
```

```
## 2502
          26.0 23.9 19.0
                               9.5
                                     6.4 - 0.2 - 0.9
                                                       -1.0
                                                               3.2
                                                                      5.4 14.4
                                                                                 21.7
                                                        -2.1
## 2503
          23.5
                23.6
                       19.1
                               8.8
                                     5.0
                                          -1.9
                                                 -0.5
                                                               5.0
                                                                     9.5
                                                                           14.2
                                                                                 19.6
  2504
                                          -0.3
                                                                           20.4
          23.6
                21.4
                       18.2
                              12.9
                                     2.4
                                                  1.1
                                                         7.0
                                                               9.3
                                                                    11.4
                                                                                 22.3
  2505
##
          23.0
                 20.6
                       13.4
                               3.4
                                    -1.2
                                           -0.6
                                                  3.1
                                                         5.5
                                                               8.6
                                                                    12.1
                                                                           21.6
                                                                                 24.2
##
   2506
          21.6
                 18.7
                       14.3
                               7.5
                                    -2.3
                                           -1.4
                                                  4.7
                                                         9.1
                                                               9.4
                                                                    13.1
                                                                           21.1
                                                                                  24.2
  2507
          21.3
                18.1
                       10.1
                               7.1
                                     0.6
                                            1.2
                                                 -1.3
                                                         6.0
                                                               8.9
                                                                    16.0
                                                                           22.7
                                                                                  23.6
##
  2508
                19.6
                        9.3
                               3.2
                                                 -2.2
                                                               9.5
                                                                    10.9
          22.1
                                     0.1
                                            0.1
                                                         1.8
                                                                           18.7
                                                                           21.7
          24.1
                 20.7
                        6.5
                               2.4
                                                 -2.1
                                                               7.9
## 2509
                                     1.0
                                            1.5
                                                         5.9
                                                                    15.3
                                                                                  24.7
## 2510
          25.0
                 18.6
                        9.9
                               6.5
                                     0.6
                                            1.1
                                                 -3.6
                                                         4.1
                                                               7.9
                                                                    13.4
                                                                           22.0
                                                                                  24.8
                 20.4
                       12.2
                               8.0
                                     3.9
                                          -0.7
                                                                    23.9
## 2511
          24.1
                                                  8.7
                                                        14.7
                                                              19.1
                                                                           25.1
                                                                                   7.4
  2512
           7.1
                  7.9
                       15.9
                              19.6
                                    24.2
                                           25.3
                                                 25.6
                                                        22.0
                                                              18.1
                                                                    10.5
                                                                           12.5
                                                                                   5.8
                        7.2
                                           7.4
## 2513
          19.7
                 18.8
                              16.6
                                    20.4
                                                 11.2
                                                        15.1
                                                              27.6
                                                                     22.6
                                                                           19.4
                                                                                   9.0
                       21.7
##
  2514
          13.5
                 18.8
                              23.0
                                    22.5
                                          12.5
                                                 27.2
                                                         8.7
                                                              26.0
                                                                      9.7
                                                                            9.0
                                                                                   9.0
          18.7
                 23.7
                       26.4
                              27.9
                                    27.7
                                          18.9
                                                         7.7
                                                                      8.7
## 2515
                                                 14.9
                                                               7.4
                                                                           16.8
                                                                                  22.1
## 2516
          25.7
                 24.3
                       23.8
                              23.2
                                    19.6
                                          14.1
                                                 14.5
                                                         7.8
                                                              -3.4
                                                                     -0.4
                                                                                  10.6
                                                                            1.6
##
  2517
          13.1
                 22.2
                       23.5
                              24.1
                                    19.6
                                          12.4
                                                  6.0
                                                        -2.2
                                                               2.0
                                                                     -0.2
                                                                            4.1
                                                                                  10.6
  2518
          15.1
                 20.7
                       24.8
                              22.1
                                    17.6
                                          11.0
                                                  8.9
                                                         3.3
                                                              -0.3
                                                                     -3.5
                                                                            2.2
                                                                                  8.1
##
##
   2519
          16.9
                20.7
                       22.9
                              22.9
                                    19.6
                                          15.6
                                                  5.4
                                                        -1.1
                                                              -1.5
                                                                     -0.3
                                                                            2.8
                                                                                 11.3
## 2520
          14.3 21.4
                       24.2
                             21.1
                                    18.2
                                          10.9
                                                  5.0
                                                         0.1
                                                              -4.6
                                                                     -1.0
                                                                                 11.4
                                                                            3.1
## 2521
          15.9
                19.1
                       21.2
                              23.7
                                    17.7
                                           10.2
                                                  8.0
                                                        -0.7
                                                              -1.4
                                                                     0.4
                                                                            7.2
                                                                                  12.6
          17.9
                21.5
                                    20.7
                                          12.8
                                                                    -1.5
## 2522
                       26.0
                              23.7
                                                  6.0
                                                        -1.9
                                                              -4.0
                                                                            2.8
                                                                                 10.9
## 2523
          16.7
                 20.3
                       24.4
                              22.3
                                    20.4
                                          11.9
                                                  8.4
                                                         3.1
                                                              -0.2
                                                                      3.0
                                                                            8.4
                                                                                  11.1
                       24.5
## 2524
          17.7
                 20.4
                             23.6
                                    18.6
                                          13.1
                                                              -1.8
                                                                    -0.5
                                                                            2.8
                                                                                   9.8
                                                  4.5
                                                         1.8
          16.1
                 20.9
                       25.5
                              21.5
                                    17.7
                                          12.0
                                                  5.9
                                                        -0.8
                                                              -3.0
                                                                     -2.6
                                                                           -0.4
## 2525
                                                                                   9.3
                20.7
                                          13.2
          15.9
                       23.1
                             21.2
                                                         2.1
                                                              -4.5
                                                                     -7.8
                                                                                   9.4
## 2526
                                    18.3
                                                  5.3
                                                                            0.6
## 2527
          18.9
                19.7
                       23.2
                              23.8
                                    20.9
                                          11.8
                                                  8.8
                                                         6.3
                                                               0.1
                                                                      1.2
                                                                            6.2
                                                                                  10.2
##
  2528
          16.8
                 22.1
                       24.6
                              25.8
                                    19.4
                                          12.4
                                                  6.6
                                                         0.2
                                                               0.9
                                                                      1.4
                                                                            0.9
                                                                                  11.6
  2529
                 20.8
                       22.5
                              21.6
                                    19.5
##
          14.9
                                          15.3
                                                  5.9
                                                        -2.2
                                                              -3.4
                                                                      3.0
                                                                            2.9
                                                                                  7.4
                                                              -1.8
## 2530
          17.9
                20.2
                       24.4
                             24.5
                                    19.7
                                          12.1
                                                  4.8
                                                         0.7
                                                                      0.0
                                                                            2.6
                                                                                  10.6
                       25.2
## 2531
          15.6
                 20.8
                              22.8
                                    18.6
                                          12.9
                                                  4.6
                                                        -0.1
                                                               1.7
                                                                      2.0
                                                                            6.0
                                                                                   8.5
## 2532
          15.2
                 22.1
                       25.9
                              23.7
                                    19.4
                                           13.1
                                                  8.8
                                                         2.3
                                                              -0.3
                                                                     -0.5
                                                                            5.0
                                                                                  10.9
##
  2533
          15.8
                22.6
                       22.7
                              24.2
                                    20.1
                                           14.9
                                                  6.2
                                                         3.8
                                                              -2.7
                                                                     22.7
                                                                           17.0
                                                                                   9.4
                       -7.1
                                    10.9
                                           -9.0
                                                               5.6
##
   2534
          18.9
                  9.7
                               4.0
                                                 10.7
                                                        -5.0
                                                                      2.8
                                                                           10.8
                                                                                  18.2
                                                                                  -3.3
  2535
                       -1.4
                             -2.5
                                     4.4
                                          10.4
                                                 16.3
                                                        19.7
                                                                           -3.2
##
          11.4
                  5.0
                                                              19.3
                                                                    15.0
##
   2536
           7.1
                 11.6
                       18.2
                              18.0
                                    19.7
                                           16.4
                                                 11.3
                                                         4.0
                                                              -0.6
                                                                     -6.7
                                                                            7.3
                                                                                   4.7
                                                                            3.4
##
  2537
           7.7
                 11.9
                       14.0
                             17.5
                                    20.7
                                          18.9
                                                 17.4
                                                        11.6
                                                               8.4
                                                                      4.5
                                                                                   6.2
## 2538
          10.2
                  9.8
                       13.3
                             16.9
                                    20.2
                                          18.6
                                                 17.0
                                                         8.7
                                                               5.6
                                                                      5.0
                                                                            2.7
                                                                                   5.3
## 2539
           7.5
                  7.4
                       13.4
                             14.7
                                    18.8
                                          19.0
                                                 16.4
                                                        10.2
                                                               9.6
                                                                      3.1
                                                                            2.6
                                                                                   3.7
  2540
           7.5
                  9.4
                       13.6
                              18.2
                                    21.5
                                           18.9
                                                 16.3
                                                        10.6
                                                               8.9
                                                                      2.1
                                                                            6.6
                                                                                   7.6
##
                       11.5
## 2541
           9.0
                 10.4
                              14.5
                                    18.2
                                          18.3
                                                 16.3
                                                        11.2
                                                               6.5
                                                                      5.9
                                                                                   4.6
                                                                            5.4
  2542
           7.8
                  7.5
                       10.8
                             15.0
                                    19.3
                                          18.9
                                                 17.9
                                                        11.1
                                                               5.6
                                                                      4.0
                                                                            3.3
                                                                                   6.5
## 2543
           7.2
                 11.9
                      12.6
                             16.3
                                    18.5
                                          19.6
                                                 16.8
                                                        13.3
                                                               9.0
                                                                      6.0
                                                                            3.3
                                                                                   5.8
                       14.9
                             16.8
                                    19.3
##
  2544
           9.3
                 10.3
                                          19.8
                                                 16.8
                                                         9.8
                                                               6.2
                                                                      2.5
                                                                            4.2
                                                                                   4.3
  2545
                 10.6
                       14.5
                             16.0
                                          21.2
                                                 19.8
##
           9.5
                                    21.1
                                                        14.7
                                                               7.5
                                                                      6.7
                                                                            5.5
                                                                                   8.6
                       15.3
                             19.6
                                    21.7
                                                 15.5
  2546
          10.9
                  9.9
                                           21.3
                                                        15.4
                                                               5.5
                                                                      6.2
                                                                            4.9
                                                                                   7.9
                                          20.6
                                                 15.5
                                                        12.1
## 2547
           9.8
                12.9
                       15.4
                             17.5
                                    19.0
                                                               9.8
                                                                      3.2
                                                                            0.9
                                                                                   5.0
                       14.6
## 2548
           8.5
                 10.6
                              17.3
                                    19.7
                                           22.2
                                                 18.8
                                                        11.7
                                                               8.6
                                                                      4.4
                                                                            6.5
                                                                                   4.6
## 2549
           8.2
                       15.2
                              16.7
                                    21.4
                                          20.3
                                                               7.3
                                                                                   3.5
                10.7
                                                 15.8
                                                        13.3
                                                                      6.6
                                                                            4.9
                                                               6.3
##
  2550
           8.2
                11.0
                       15.5
                              16.8
                                    19.2
                                          20.1
                                                 16.0
                                                        10.8
                                                                      6.1
                                                                            7.0
                                                                                   5.4
                                    20.7
##
  2551
           8.0
                10.9
                       14.4
                              16.5
                                           19.8
                                                 19.1
                                                        11.8
                                                               6.6
                                                                      5.5
                                                                            6.1
                                                                                   4.5
                             19.5
## 2552
           8.4
                11.0
                       13.9
                                    20.8
                                          20.4
                                                 16.8
                                                        10.7
                                                               8.6
                                                                      3.8
                                                                            4.2
                                                                                  10.0
                       15.3
                                                                    12.2
## 2553
          12.0
                11.1
                             17.2
                                    19.7
                                          21.0
                                                 20.7
                                                        18.2
                                                              11.4
                                                                           14.8
                                                                                  17.6
## 2554
          19.4 21.8
                       20.9
                             21.0
                                    18.1
                                          17.5
                                                 13.2
                                                       12.1
                                                              13.8
                                                                    17.8
                                                                           21.2
                                                                                  23.1
          21.6 22.0 20.8 12.7 13.7
## 2555
                                          13.1 17.6
                                                      19.4 21.5
                                                                    22.1
                                                                           22.1
                                                                                 18.0
```

```
## 2556
          14.1 14.8
                      16.4 14.9
                                   20.3
                                          23.4 23.1
                                                       20.0 17.8 13.2
                                                                          13.6
                                                                                 19.5
## 2557
          21.8
               21.3
                       17.6
                             15.8
                                   13.8
                                          16.7
                                                 21.4
                                                       21.6
                                                              24.7
                                                                    22.2
                                                                          18.8
                                                                                 12.8
  2558
          12.8
                17.7
                       20.8
                             18.0
                                    13.8
                                          14.1
                                                 14.6
                                                       18.6
                                                             17.3
                                                                    23.4
                                                                           15.2
  2559
                                          23.0
##
          16.7
                  6.8
                        9.1
                             15.7
                                    21.0
                                                 24.3
                                                        6.4
                                                              13.0
                                                                    25.6
                                                                           24.3
                                                                                 20.6
##
   2560
          10.7
                  4.4
                        4.5
                              -6.9
                                    -0.9
                                          10.1
                                                 19.8
                                                       20.3
                                                              21.5
                                                                     9.8
                                                                           -3.9
                                                                                 -3.2
  2561
          12.1
                17.1
                       21.5
                            23.3
                                   18.4
                                          11.5
                                                  5.4
                                                       -5.1
                                                              20.8
                                                                    24.8
                                                                          17.9
                                                                                  8.2
##
          -0.4
                        9.1
                             18.0
                                    21.4
                                          25.1
                                                 16.7
                                                               3.5
                                                                    -0.9
  2562
                  1.1
                                                       11.2
                                                                           -2.4
                                                                                  9.9
          16.2
                 20.1
                                    12.0
                                                                          12.2
## 2563
                       20.8
                             17.3
                                           3.2
                                                  9.2
                                                       21.3
                                                              21.6
                                                                    16.2
                                                                                 -5.3
##
   2564
          -9.5
                  9.8
                       21.4
                              22.8
                                    22.5
                                          12.5
                                                  9.8
                                                       24.7
                                                              14.4
                                                                     8.1
                                                                            1.5
                                                                                  4.8
          15.8
                       19.5
                                                              20.4
                                                                    22.1
##
   2565
                21.9
                             14.7
                                     6.1
                                          -3.1
                                                  2.9
                                                        7.5
                                                                           24.4
                                                                                 13.1
   2566
           1.8
                  9.9
                       25.2
                             20.3
                                    21.8
                                          14.4
                                                  4.0
                                                        0.3
                                                               1.2
                                                                     7.0
                                                                           13.3
                                                                                 22.4
  2567
          20.7
                 16.4
                       12.9
                              9.0
                                     2.2
                                          -1.8
                                                 -4.0
                                                        9.5
                                                              13.8
                                                                    20.9
                                                                           21.2
                                                                                 21.8
##
##
  2568
          17.9
                14.2
                        3.6
                               3.3
                                    -5.3
                                           8.4
                                                  8.0
                                                       16.8
                                                              21.3
                                                                    25.3
                                                                           26.1
                                                                                 26.5
   2569
          23.2
                19.6
                       10.7
                                     6.5
                                           7.6
                                                 16.6
##
                              14.4
                                                       17.1
                                                              20.6
                                                                    20.0
                                                                           18.1
                                                                                  8.8
  2570
           7.1
                 -1.3
                       -7.0
                             -8.2
                                    14.0
                                          18.3
                                                 20.5
                                                       21.0
                                                              18.1
                                                                     8.2
                                                                            5.8
##
                                                                                  1.1
##
   2571
          -3.2
                  6.0
                       14.4
                              17.5
                                    19.6
                                          19.5
                                                 16.1
                                                        9.2
                                                               5.7
                                                                     1.0
                                                                           -0.8
                                                                                 -4.6
  2572
           2.6
                14.8
                       20.9
                              21.0
                                    17.5
                                           8.3
                                                  3.3
                                                       -0.4
                                                              -0.1
                                                                     1.9
                                                                                 18.9
##
                                                                           12.4
##
   2573
          19.9
                18.4
                       15.0
                              8.3
                                     2.8
                                          -2.0
                                                 -3.7
                                                         0.4
                                                               5.3
                                                                    16.3
                                                                           17.3
                                                                                 20.6
          18.1
                                                                           19.7
  2574
                15.4
                       10.4
                              6.8
                                     3.9
                                          -1.5
                                                 -0.8
                                                        3.6
                                                                    17.0
##
                                                              12.4
                                                                                 19.9
## 2575
          14.8
                10.7
                        4.7
                             -2.5
                                    -3.9
                                          13.4
                                                 18.8
                                                       19.3
                                                              14.5
                                                                    14.3
                                                                            2.7
                                                                                  5.0
          -5.3
                                                              -2.3
                                                                     4.2
##
  2576
                -2.1
                        5.5
                             15.3
                                    18.8
                                          15.6
                                                 12.6
                                                       10.3
                                                                           15.0
                                                                                 21.8
  2577
           6.0
                  0.3
                       -0.7
                               4.5
                                    16.3
                                          19.7
                                                 21.7
                                                       20.7
                                                              16.1
                                                                     6.7
                                                                            5.9
                                                                                  1.6
          -4.2
## 2578
                -1.0
                       14.1
                             17.6
                                    15.8
                                           0.1
                                                  1.8
                                                        5.7
                                                              19.2
                                                                    21.2
                                                                                  9.7
                                                                           19.4
           4.6
                -7.0
                        2.3
                              3.8
                                     6.8
                                          13.8
                                                 18.6
                                                       20.8
                                                              20.2
                                                                    16.5
                                                                                 -0.2
##
  2579
                                                                            5.5
                                          -0.8
                                                                    16.3
           1.0
                  5.1
                      18.4
                                                 13.5
                                                             18.6
                                                                                  6.4
## 2580
                             19.5
                                   21.7
                                                       17.5
                                                                            8.7
  2581
           0.5
                -2.5
                        2.1
                             18.9
                                    22.8
                                          21.4
                                                  9.5
                                                        5.0
                                                              -0.9
                                                                     0.2
                                                                            3.7
                                                                                 12.1
##
  2582
          20.1
                21.0
                       19.4
                              9.9
                                     2.9
                                          -0.2
                                                 -1.6
                                                        5.5
                                                              15.1
                                                                    19.3
                                                                           21.7
                                                                                 22.5
                        2.2
                             -1.7
                                    -0.5
                                           1.8
                                                 19.1
                                                              15.9
##
   2583
          15.7
                 11.3
                                                       19.3
                                                                    10.3
                                                                            2.6
                                                                                 12.0
                                     3.2
                                          -0.2
                                                               4.9
##
  2584
          18.0
                20.3
                       18.5
                               9.3
                                                  2.3
                                                        2.7
                                                                    10.1
                                                                                 20.3
                                                                           18.8
  2585
          17.6
                10.3
                        4.7
                               1.0
                                     0.2
                                          10.3
                                                 14.0
                                                       22.2
                                                              15.5
                                                                     7.0
                                                                            0.6
                                                                                 -3.0
##
  2586
           2.5
                  6.0
                        9.4
                              15.8
                                    19.6
                                          19.5
                                                 19.8
                                                       16.5
                                                              11.1
                                                                    -4.1
                                                                           -3.3
                                                                                  2.1
##
   2587
           1.4
                11.2
                       14.8
                              18.4
                                    19.4
                                          15.6
                                                  9.8
                                                        7.0
                                                               3.1
                                                                     1.0
                                                                            0.6
                                                                                  5.4
                              22.2
                                    21.2
##
   2588
          11.2
                13.7
                       19.9
                                          18.5
                                                 10.9
                                                         4.1
                                                              -0.3
                                                                    -6.1
                                                                           -1.6
                                                                                  6.0
                                                                           -0.4
  2589
                14.6
                      17.7
                             21.0
                                    21.8
                                          16.6
                                                  9.8
                                                        7.7
                                                              -1.0
                                                                    -3.8
##
          11.1
                                                                                  5.9
##
   2590
          10.3
                18.1
                       19.1
                             21.1
                                    19.8
                                          18.4
                                                 12.4
                                                        7.7
                                                               2.0
                                                                     1.8
                                                                            2.2
                                                                                  3.2
## 2591
          11.7
                13.0
                       21.3
                             23.4
                                    22.4
                                          18.5
                                                  6.7
                                                       -1.5
                                                               3.3
                                                                     0.1
                                                                            4.3
                                                                                 12.9
## 2592
          17.5
               21.0
                      14.9
                              9.3
                                    21.7
                                          17.2
                                                 -1.4
                                                       13.2
                                                               2.9
                                                                    -3.4
                                                                           -4.3
                                                                                  4.7
## 2593
          11.3 16.7
                       21.3
                             22.0
                                    20.8
                                          17.3
                                                 10.9
                                                        5.8
                                                              -5.1
                                                                    -3.5
                                                                            1.8
                                                                                  5.2
  2594
          12.2 16.7
                       19.8
                              22.9
                                    21.3
                                          17.7
                                                 10.7
                                                        7.9
                                                               2.9
                                                                     1.3
                                                                            2.3
                                                                                  9.8
##
                       18.3
                                    20.5
## 2595
          10.1
                17.8
                             23.5
                                          16.6
                                                 11.7
                                                         3.0
                                                               3.4
                                                                     0.4
                                                                            2.8
                                                                                  1.5
  2596
                14.3
                       19.7
                              22.3
                                    20.0
                                                         3.6
                                                                    -4.7
          11.0
                                          17.2
                                                 11.9
                                                               1.8
                                                                           -1.9
                                                                                  2.2
  2597
          11.1 15.5
                       20.6
                             20.4
                                    19.9
                                          17.8
                                                 11.3
                                                        3.1
                                                               2.6
                                                                    -2.5
                                                                           -6.1
                                                                                  4.1
##
                17.3
                       20.3
                             21.4
##
  2598
          11.1
                                    19.8
                                          18.0
                                                 10.7
                                                        8.0
                                                               7.5
                                                                    -3.9
                                                                            0.8
                                                                                  7.9
                       20.1
                             22.1
                                    22.6
                                          19.2
                                                               1.8
                                                                     2.8
##
   2599
          10.6
                14.3
                                                 12.8
                                                        5.4
                                                                            4.9
                                                                                  5.1
                      19.0
                             21.4
  2600
          13.3
                15.4
                                    19.4
                                          16.7
                                                 12.6
                                                         5.4
                                                              -0.5
                                                                    -3.1
                                                                            5.7
                                                                                  1.6
                       20.2
                                                               2.0
                                                                    -1.8
## 2601
           8.0
                19.1
                              20.8
                                    20.8
                                          19.9
                                                 11.7
                                                         3.8
                                                                            4.2
                                                                                  4.2
##
  2602
          12.8
                18.3
                       19.6
                              23.1
                                    21.6
                                          20.7
                                                 13.6
                                                         3.8
                                                               3.5
                                                                     2.6
                                                                            3.5
                                                                                  9.0
   2603
                       19.9
                              23.7
                                    22.0
                                                               0.5
                                                                           -0.4
##
           8.7
                 14.3
                                          17.5
                                                 12.5
                                                        8.5
                                                                    -0.7
                                                                                  6.7
##
  2604
           9.5
                14.1
                       20.2
                             21.8
                                    22.8
                                          18.3
                                                 14.8
                                                        4.2
                                                               5.5
                                                                    -2.6
                                                                           24.2
                                                                                 17.5
                       23.5
                                                              23.7
                                                                    21.3
##
  2605
           1.0
                  4.4
                              23.5
                                    13.8
                                           3.5
                                                  6.7
                                                       14.7
                                                                           17.8
                                                                                  5.8
## 2606
          21.3
                13.4
                       21.0
                             10.7
                                    15.0
                                          21.2
                                                 24.1
                                                       17.3
                                                               2.1
                                                                     0.5
                                                                            1.1
                                                                                 11.9
                21.8 23.8 23.5
## 2607
          15.9
                                   18.9
                                          15.1
                                                  4.9
                                                        6.1
                                                              -1.7
                                                                    21.5
                                                                           -6.2
                                                                                 21.8
               17.1 22.1
## 2608
           9.4
                             20.9
                                    -4.4
                                           9.0
                                                 15.3
                                                       24.5
                                                             17.0
                                                                    -3.5
                                                                           -7.2
                                                                                 -4.7
                                   -7.1
## 2609
          12.5 11.6 -13.1 12.3
                                           0.7
                                                  9.1
                                                       10.7
                                                             10.5
                                                                     7.8
                                                                            0.3
                                                                                 -6.3
```

```
7.8 -5.6
## 2610
          10.7
                 8.2
                       4.1 - 0.4
                                    9.6 10.8 11.0
                                                                   2.2
                                                                         7.4 10.2
## 2611
          12.3 10.8
                       8.0
                           -8.5
                                         10.6
                                               11.6
                                                     11.7
                                                            2.2
                                                                  2.0
                                                                         9.4
                                                                              10.2
                                   1.7
## 2612
          12.7
                11.6
                       1.2
                             2.8
                                  -3.1
                                         -2.2
                                                2.0
                                                      4.9
                                                            8.6
                                                                 14.0
                                                                         8.5
                                                                               2.6
                -5.8
                             9.0
                                   3.3
                                               -4.8
## 2613
          -0.4
                      10.4
                                         -4.5
                                                     -6.9
                                                            2.6
                                                                  6.1
                                                                        10.7
                                                                              12.9
## 2614
          11.6
                 8.9
                       0.8
                            -4.4
                                  -4.6
                                         3.0
                                                7.4
                                                     12.6
                                                            15.0
                                                                 13.8
                                                                         9.2
                                                                               2.9
## 2615
         -14.1
               10.6 16.7
                            18.5
                                  25.4
                                         25.2
                                               22.2
                                                     10.8
                                                            4.4
                                                                 -1.6
                                                                        -6.4
                                                                               2.8
           4.6
                      15.0
                            20.7
                                  25.6
                                         24.5
                                               15.9
                                                     10.3
                                                            7.0
                                                                  0.0
## 2616
                 8.7
                                                                        -4.5
                                                                               0.5
           5.5
                      16.2
                            19.8
                                  25.3
                                         25.6
                                               20.1
                                                     12.4
                                                           -2.9 -10.8
                                                                        -3.9 -11.1
## 2617
                 9.1
## 2618
          -0.2 10.1
                      15.6
                            19.9
                                  25.4
                                         24.3
                                               18.6
                                                      5.3
                                                           -4.2
                                                                 -3.6
                                                                        -0.1
                                                                              -5.4
                                                           -2.3
           8.0
                      22.9
                            26.1
                                  22.2
                                                4.4
                                                      2.2
                                                                 -7.1
                                                                        -6.7
                                                                               1.0
## 2619
               12.1
                                         18.3
## 2620
           9.6
                13.8
                      19.0
                            24.6
                                  25.1
                                         16.9
                                               11.7
                                                     -1.8
                                                           -2.2
                                                                 -8.6
                                                                        -3.8
                                                                               4.7
                                                           -2.1
## 2621
           9.7
                14.6
                      16.7
                            23.6
                                  20.8
                                         18.5
                                               10.2
                                                      3.2
                                                                  -8.1
                                                                        -0.6
                                                                               9.7
## 2622
          13.2
               21.0
                      25.6
                            26.2
                                  22.9
                                         18.9
                                               11.7
                                                     24.7
                                                           17.4
                                                                  9.9
                                                                         7.0
                                                                              15.3
          21.3
                      -7.2
                            10.4
                                         19.5
                                               23.7
                                                     24.7
                                                            15.9
                                                                              -7.8
## 2623
                 5.4
                                  12.9
                                                                 11.6
                                                                         1.1
## 2624
         -11.7
                -8.7
                      -2.6
                             6.3
                                  12.4
                                         18.5
                                               24.7
                                                     23.0
                                                           16.1
                                                                 12.0
                                                                              -2.2
                                                                         1.3
## 2625
          -3.4
                -3.2
                       8.3
                            10.4
                                  14.9
                                         21.9
                                               27.5
                                                     22.6
                                                           18.0
                                                                   9.9
                                                                         1.3
                                                                              -6.0
## 2626
          -6.9
               -3.4
                      -2.4
                             2.4
                                  13.2
                                        19.1
                                               23.2
                                                     22.9
                                                           20.6
                                                                  7.2
                                                                         0.8 - 10.3
## 2627
          -6.3
               -9.3
                      -1.0
                             7.1
                                  13.6
                                         18.0
                                               22.0
                                                     21.6
                                                           17.9
                                                                 10.7
                                                                        -2.9
                                                                              -4.5
                                                                         2.6
## 2628
          -4.5
               -6.5
                       4.6
                             9.9
                                  13.0
                                         20.5
                                               23.5
                                                     22.5
                                                           19.3
                                                                              -3.8
                                                                 11.4
## 2629
          -6.2
                 0.4
                       4.3
                             8.8
                                  14.6
                                         22.4
                                               24.1
                                                     22.7
                                                            17.7
                                                                  11.5
                                                                         5.8
                                                                              -8.2
## 2630
          -8.9 -1.3
                       2.2
                             8.6
                                 14.7
                                         21.3
                                               26.0
                                                     20.3
                                                           17.7
                                                                   9.7
                                                                         2.2
                                                                              -4.5
## 2631
          -7.1 -11.3
                      -0.7
                             3.3
                                 17.7
                                         21.2
                                               24.0
                                                     22.8
                                                           17.4
                                                                   7.0
                                                                        -1.0
                                                                              -3.0
          -7.2 -14.6
## 2632
                      -3.8
                             7.4 11.3
                                         19.7
                                               23.2
                                                     20.6
                                                           18.2
                                                                   6.1
                                                                         0.5
                                                                              -4.7
## 2633
          -6.3 -3.3
                       3.0
                                  12.4
                                         21.8
                                               24.6
                                                     24.2
                                                           17.4
                                                                   6.3
                             6.1
                                                                         4.8
                                                                              -1.2
          -1.7 -9.1
                       4.9
                                  13.4
                                         23.7
                                               25.7
                                                     24.3
                                                           19.3
                                                                              -3.8
## 2634
                             7.0
                                                                 11.6
                                                                         3.8
  2635
          -6.2
               -0.3
                       5.9
                             7.0
                                  14.3
                                         17.4
                                               23.4
                                                     26.2
                                                           21.8
                                                                 20.8
                                                                        14.6
                                                                               6.2
##
  2636
          -0.9
                -3.5
                      -0.1
                             4.2
                                   7.9
                                         22.8
                                               24.9
                                                     24.7
                                                           24.6
                                                                 21.5
                                                                        12.8
                                                                               1.8
                -3.7
                      -2.0
                             3.5
                                  12.2
                                         17.4
                                               22.5
                                                           23.2
##
  2637
           1.3
                                                     26.1
                                                                  23.0
                                                                        11.3
                                                                               3.2
           2.5
               -0.8
                      -0.3
                                 10.2
                                                           23.6
## 2638
                             7.6
                                         16.7
                                               23.8
                                                     25.8
                                                                 19.0
                                                                               8.4
                                                                        11.1
## 2639
           0.8
                 0.3
                      -4.9
                             8.6
                                  12.6
                                         16.8
                                               24.2
                                                     24.5
                                                           24.9
                                                                 21.9
                                                                        15.6
                                                                               6.8
## 2640
           5.9
               -3.6
                      13.0
                            16.2
                                  17.6
                                         15.8
                                               18.0
                                                     19.2
                                                           28.7
                                                                 22.8
                                                                        10.8
                                                                              27.3
## 2641
           4.5
               13.6
                      19.4
                            26.5
                                  27.7
                                         25.9
                                               10.8
                                                      3.7
                                                            3.4
                                                                 -1.8
                                                                        13.3
                                                                              18.0
                26.2
                      27.0
##
  2642
          25.2
                            25.1
                                  17.6
                                         10.3
                                                9.1
                                                      1.4
                                                            9.2
                                                                 10.4
                                                                        15.5
                                                                              23.7
## 2643
          13.4
                 8.2
                       9.3
                            16.3
                                  20.4
                                         24.3
                                               25.3
                                                     25.6
                                                           22.8
                                                                 19.0
                                                                              13.5
                                                                        11.2
## 2644
           6.5
                12.4
                       5.3
                            10.4
                                  27.5
                                         22.7
                                               18.6
                                                      6.3
                                                           17.8
                                                                 22.4
                                                                        14.5
                                                                              27.4
## 2645
          20.6
               12.0 13.9
                            20.0 26.8
                                         25.8
                                               26.0
                                                     19.6
                                                            8.5
                                                                 18.8
                                                                        25.1
                                                                              27.4
## 2646
          26.9
               11.3
                     24.4 27.4 26.1
                                         15.1
                                                8.1
                                                     -4.2
                                                            2.8
                                                                 15.1
                                                                        -5.7
                                                                              -7.7
## 2647
          20.1
               24.5
                     11.2
                            -5.6
                                   2.9
                                         -3.4
                                               18.3
                                                     -2.6
                                                           15.5
                                                                 22.0
                                                                         6.4
                                                                              -0.1
## 2648
          22.4
                19.1
                       2.1
                            -6.4 22.5
                                         -0.8
                                                8.1
                                                      6.9
                                                           14.2
                                                                 21.2
                                                                        21.8
                                                                              15.3
                                        23.3
## 2649
          -2.6
               -4.3 -10.2
                             9.0 14.5
                                               22.3
                                                     21.5
                                                          17.5
                                                                 12.5
                                                                         2.9
                                                                              -2.2
         -10.5
               -2.3 17.6 21.0 -10.4 -12.0
                                               14.9
                                                      5.5 -10.2 -12.1 -10.4
## 2650
## 2651
          -8.1
               22.5 14.0 -5.4 -11.8
                                         8.3
                                               14.9
                                                     23.8 22.5
                                                                 21.7
                                                                        18.3
                                                                              11.9
                -3.5 -11.4 -6.5
                                  -9.4
                                         -6.3
## 2652
           2.5
                                                5.7
                                                      8.2
                                                           15.4
                                                                 17.7
                                                                        18.1
           7.5
                     -7.7 -12.3
                                  -7.9
                                         -3.5
                                                4.4
                                                           14.9
                                                                 15.4
##
  2653
                 1.7
                                                      8.6
                                                                       16.8
                                                                              15.7
                 4.4 -5.6 -7.7
                                          3.1
                                                                 20.2
## 2654
           6.0
                                  -5.7
                                                8.1
                                                     13.7
                                                           15.3
                                                                        19.8
                     -6.2 -11.4
                                  -7.4
                                                     12.0
## 2655
           8.4
                 2.4
                                         -3.6
                                                3.7
                                                           15.6
                                                                 20.4
                                                                        19.2
                                                                              14.3
                                  -3.2
## 2656
           9.8
                 3.8 -3.3
                            -5.9
                                          3.2
                                                3.4
                                                     12.2
                                                           17.6
                                                                 21.4
                                                                        18.1
                                                                              12.1
## 2657
           7.8
                 1.9 -2.9 -7.4 -8.5
                                         -3.5
                                                                 18.0
                                                1.5
                                                     11.8
                                                           14.9
                                                                       17.2
## 2658
           8.3
               -0.1 -11.2 -13.6 -12.0 -10.9
                                                1.0
                                                      9.4
                                                           15.2
                                                                 16.4
                                                                       17.3
                                                                              12.8
                      -4.3 -12.5 -18.3
                                        -7.4
## 2659
           7.0
                -2.5
                                                3.3
                                                     11.6
                                                           13.3
                                                                 17.2
                                                                        17.9
                                                                              16.5
## 2660
           7.3
                 4.2
                       0.5 - 6.5
                                  -6.0
                                         -1.0
                                                1.3
                                                     11.9
                                                           14.4
                                                                 18.5
                                                                       19.1
                                                                              16.2
                                                           14.6
## 2661
           8.8
                 4.7
                      -5.0 -4.9
                                 -4.8
                                        -4.8
                                                4.9
                                                      9.2
                                                                 17.1
                                                                       16.4
## 2662
           9.5
                 0.2 -9.4 -9.8 -9.5
                                        -5.8
                                               -1.5
                                                     11.3
                                                           15.1
                                                                 19.3
                                                                       18.7
                                                                              14.3
                                                2.6
## 2663
           5.4 -2.1 -4.1 -13.2 -10.7
                                        -6.1
                                                      7.3 14.7 18.9 17.2 14.0
```

```
-6.4 -2.3
## 2664
           7.0 - 2.3 - 4.7 - 4.5
                                                  2.1
                                                        9.5 15.5
                                                                    20.0
                                                                          17.8
                                                                                 12.7
## 2665
                  3.8
                       -3.2
                             -5.0
                                     5.3
                                          10.7
                                                 15.8
                                                       20.1
                                                              23.1
                                                                    26.3
                                                                           26.8
                                                                                 26.1
           5.3
          23.4
                                                                           26.0
## 2666
                 15.7
                       14.1
                             10.7
                                    12.5
                                          13.2
                                                 13.3
                                                       16.8
                                                              22.4
                                                                    25.2
                                                                                 22.9
                 10.7
                             15.3
                                    12.7
                                                 15.8
                                                       23.6
##
  2667
          21.1
                        9.6
                                          11.8
                                                              26.4
                                                                    25.1
                                                                           25.8
                                                                                 22.7
##
   2668
          19.3
                  9.3
                        5.7
                               8.7
                                     9.9
                                          13.5
                                                 16.5
                                                       21.5
                                                              26.0
                                                                    26.8
                                                                           27.3
                                                                                 24.1
  2669
          19.5
                  9.8
                       10.5
                             11.8
                                   10.7
                                          13.8
                                                 17.3
                                                       22.4
                                                              28.5
                                                                    26.5
                                                                           23.3
                                                                                 15.8
##
          12.2
                  8.1
                        9.8
                             10.5
                                    15.4
                                          16.7
                                                 24.5
                                                       27.2
                                                              26.6
                                                                    26.8
                                                                           23.9
## 2670
                  8.8
                        9.7
                             12.0
                                    20.6
                                          20.5
                                                 27.3
                                                       28.4
## 2671
          11.5
                                                              26.0
                                                                    18.9
                                                                           11.0
                                                                                  8.1
## 2672
          10.9
                 20.3
                       23.8
                              24.2
                                    26.5
                                          27.2
                                                 12.2
                                                        8.7
                                                               7.2
                                                                    13.0
                                                                           13.5
                                                                                 17.6
          25.2
                 26.1
                       27.3
                             22.6
                                    19.0
                                          11.2
                                                                           26.6
##
  2673
                                                 11.0
                                                       14.9
                                                              12.7
                                                                    19.1
                                                                                 24.3
  2674
          16.9
                 14.3
                        9.2
                               5.5
                                     5.2
                                          12.1
                                                 18.3
                                                       22.5
                                                              26.0
                                                                    26.0
                                                                           26.5
                                                                                 17.0
## 2675
                        7.5
                                                       25.9
                                                                    27.2
          14.3
                  7.2
                              10.9
                                    12.4
                                          18.1
                                                 23.4
                                                              26.5
                                                                           24.2
                                                                                 19.8
                        8.5
##
  2676
          12.4
                  9.3
                               8.5
                                     8.5
                                          18.6
                                                 21.3
                                                       25.5
                                                              27.3
                                                                    26.3
                                                                           24.8
                                                                                 19.5
          13.2
                  6.4
                       11.8
                              15.3
                                    15.8
                                          21.0
                                                 24.2
                                                       26.3
                                                              25.2
                                                                    23.2
## 2677
                                                                           16.2
                                                                                 14.0
## 2678
           9.2
                  7.0
                       13.5
                             11.2
                                    15.7
                                          23.9
                                                 24.5
                                                       26.5
                                                              23.9
                                                                    19.3
                                                                                  7.7
                                                                           11.8
##
   2679
           6.3
                  7.8
                       15.6
                             19.0
                                    21.9
                                          24.8
                                                 25.2
                                                       26.0
                                                              22.8
                                                                    18.5
                                                                           11.6
                                                                                  4.5
  2680
           6.4
                  7.0
                       13.2
                             18.4
                                    21.3
                                          25.7
                                                 24.9
                                                       25.2
                                                              23.5
                                                                    15.3
                                                                                 10.1
##
                                                                           13.3
##
   2681
           8.5
                  9.0
                       12.1
                              18.9
                                    22.9
                                          24.1
                                                 25.6
                                                       25.2
                                                              23.7
                                                                    17.0
                                                                           13.6
                                                                                  8.2
           5.8
## 2682
                       12.1
                             17.9
                                    21.2
                                          23.3
                                                 27.0
                                                       25.4
                                                              23.2
                                                                    18.0
                                                                           12.6
                  8.0
                                                                                  8.8
## 2683
           8.9
                  8.3
                       15.3
                              20.2
                                    20.9
                                          23.8
                                                 24.0
                                                       23.8
                                                              19.9
                                                                    15.4
                                                                           10.1
                                                                                 10.2
           6.2
                                    21.4
## 2684
                  5.6
                       12.6
                             18.7
                                          27.2
                                                 26.1
                                                       26.9
                                                              22.5
                                                                    17.8
                                                                           10.7
                                                                                  7.1
  2685
           6.8
                  7.3
                        9.1
                              17.6
                                    20.9
                                          25.1
                                                 26.3
                                                       24.2
                                                              22.2
                                                                    19.1
                                                                           10.6
                                                                                  7.2
           5.1
## 2686
                  8.8
                      14.0
                             21.6
                                    23.9
                                          26.0
                                                 25.7
                                                       24.4
                                                              19.1
                                                                    10.0
                                                                            8.3
                                                                                  7.6
          15.9
                 16.1
                       20.0
                              24.5
                                    26.9
                                          25.7
                                                 25.0
                                                       18.0
                                                              13.9
                                                                                  9.7
##
  2687
                                                                     8.3
                                                                           14.4
          15.9
                       22.4
                              24.0
                                    26.3
                                          26.3
                                                 24.1
                                                              13.1
                                                                     9.2
                                                                                 11.0
## 2688
                 17.4
                                                       17.0
                                                                            9.0
  2689
          13.7
                 17.7
                       25.3
                              25.7
                                    26.6
                                          22.7
                                                 19.4
                                                       14.1
                                                               8.7
                                                                      6.8
                                                                           13.5
                                                                                 17.3
##
  2690
          18.3
                20.3
                       24.5
                              26.6
                                    25.9
                                          23.0
                                                 14.6
                                                        9.2
                                                               8.0
                                                                      3.3
                                                                            7.7
                                                                                 15.7
   2691
                       28.3
                              27.8
                                    27.0
                                          24.5
                                                 16.5
##
          19.1
                 24.0
                                                       14.7
                                                               9.0
                                                                     4.0
                                                                            4.3
                                                                                 11.4
                       26.2
                             27.0
                                    26.9
                                          26.4
##
  2692
          18.8
                22.0
                                                 17.4
                                                       15.2
                                                               9.8
                                                                      4.9
                                                                            7.2
                                                                                 13.6
## 2693
          18.4
                 20.7
                       24.0
                              26.4
                                    26.6
                                          23.9
                                                 17.2
                                                       12.8
                                                               8.4
                                                                      9.7
                                                                            7.6
                                                                                 12.8
## 2694
          16.7
                 21.4
                       25.5
                              28.0
                                    27.5
                                          26.4
                                                 18.2
                                                       12.3
                                                               7.9
                                                                      5.1
                                                                           10.1
                                                                                 12.8
##
  2695
          19.3
                20.2
                       27.4
                              27.6
                                    26.0
                                          23.4
                                                 17.3
                                                       13.5
                                                               7.2
                                                                      6.9
                                                                           10.5
                                                                                 15.6
                       25.7
                                    26.2
                                                              12.3
##
   2696
          16.9
                22.6
                              26.2
                                          23.5
                                                 19.0
                                                       14.3
                                                                      6.7
                                                                            9.4
                                                                                 12.5
  2697
          15.6
                22.5
                       25.4
                              28.9
                                    28.2
                                          22.9
                                                 18.7
                                                       13.0
                                                               7.2
                                                                      6.2
                                                                            9.9
                                                                                 12.9
##
##
  2698
          17.7
                21.2
                       26.6
                              26.1
                                    26.1
                                          23.6
                                                 22.3
                                                       11.9
                                                              13.2
                                                                      4.6
                                                                            9.0
                                                                                 15.7
## 2699
          18.6
                22.3
                       26.2
                             26.0
                                    26.3
                                          23.7
                                                 21.1
                                                       17.6
                                                               6.5
                                                                     8.2
                                                                           12.5
                                                                                 14.6
## 2700
          17.6
                23.2
                       27.6
                             29.1
                                    26.4
                                          25.1
                                                 19.1
                                                       16.4
                                                               9.2
                                                                     7.2
                                                                            9.2
                                                                                 13.6
## 2701
          16.0
                23.1
                       25.8
                             27.6
                                    28.6
                                          24.1
                                                 15.3
                                                       14.3
                                                              11.7
                                                                      6.2
                                                                            8.7
                                                                                 13.7
## 2702
          17.1
                21.8
                       26.0
                              26.8
                                    27.6
                                          24.2
                                                 16.4
                                                       14.4
                                                               9.2
                                                                    11.3
                                                                          10.4
                                                                                 15.0
                       25.3
                                    26.9
                                          23.4
                                                               5.0
## 2703
          16.3
                21.7
                             26.1
                                                 17.7
                                                       12.8
                                                                    10.4
                                                                          13.2
                                                                                 15.1
## 2704
                21.9
                       27.1
                              27.8
                                    28.2
                                          25.8
                                                 19.3
                                                       13.7
                                                              11.5
                                                                           11.9
          15.9
                                                                     8.9
## 2705
          18.3
                23.5
                       25.5
                             27.0
                                    26.3
                                          24.6
                                                 19.0
                                                       12.1
                                                              10.9
                                                                     8.5
                                                                          12.0
                                                                                 13.9
## 2706
                21.7
                       25.4
                             27.3
                                    25.3
                                          23.9
                                                 17.5
                                                       12.7
                                                               9.2
          15.2
                                                                    10.7
                                                                            8.7
                                                                                 12.2
          15.5
                22.0
                       27.1
                             29.1
                                    27.3
                                          25.3
                                                 18.5
                                                       13.0
                                                               8.2
                                                                     6.5
## 2707
                                                                           11.7
                                                                                 15.2
## 2708
                20.6
                       25.4
                              25.3
                                    25.5
                                          23.0
                                                 18.0
                                                              10.8
          18.4
                                                       15.3
                                                                      8.5
                                                                            9.9
                                                                                 15.6
                       25.0
                                    27.9
                                          24.0
                                                               7.8
                                                                     7.6
## 2709
          17.1
                 24.1
                              28.1
                                                 18.6
                                                       11.1
                                                                            9.9
                                                                                 11.5
## 2710
          15.8
                22.5
                       25.3
                              27.0
                                    26.1
                                          23.2
                                                 17.8
                                                       11.7
                                                               9.0
                                                                     8.3
                                                                          10.8
                                                                                 16.6
          15.4
                19.2
                       23.2
                              26.2
                                    25.0
                                          23.3
                                                               7.5
                                                                           10.7
## 2711
                                                 18.7
                                                       11.3
                                                                    10.1
                                                                                 11.6
## 2712
          16.6
                22.8
                       26.7
                              27.1
                                    26.1
                                          25.6
                                                 20.2
                                                       16.0
                                                              11.2
                                                                    10.7
                                                                           10.4
                                                                                 12.1
                22.3
                       27.5
                              22.9
                                                              12.3
## 2713
          19.0
                                    18.9
                                          14.5
                                                  9.6
                                                        8.6
                                                                    16.1
                                                                           24.8
                                                                                 12.8
## 2714
          12.2
                22.9
                       25.0
                              27.7
                                    26.9
                                          23.3
                                                 17.8
                                                       16.9
                                                               9.8
                                                                    15.1
                                                                           26.2
                                                                                 27.4
                       25.2
                             26.5
## 2715
          27.5
                  6.3
                                    24.0
                                          19.0
                                                 15.8
                                                        8.6
                                                              23.8
                                                                    20.5
                                                                           15.0
                                                                                 10.1
## 2716
          11.9 13.1
                      15.8
                             20.2
                                    24.9
                                          26.6
                                                 26.0
                                                       26.4
                                                              19.4
                                                                    13.0
                                                                            6.8
                                                                                 12.0
           9.3 13.2 19.3 22.8
                                          27.1 28.2
## 2717
                                    26.9
                                                       23.8
                                                             18.3
                                                                    13.1
                                                                            9.8
                                                                                  9.9
```

```
9.1 14.9 17.1 21.7 26.2
## 2718
                                       26.4 28.5 24.3 20.1 12.8
## 2719
                                                                     10.9
          9.7
               13.0
                     18.0 22.4
                                26.2
                                       26.1
                                             25.8
                                                   24.1
                                                         16.4
                                                               10.5
                                                                            8.1
                     17.1 21.7 27.3
                                             25.5
                                                         17.7
## 2720
          8.6
              13.5
                                       26.1
                                                   24.0
                                                               11.6
                                                                      7.9
                                                                            5.0
## 2721
               11.3 18.9 23.8 27.6
                                       29.5
                                             28.7
                                                   26.9
          5.7
                                                         19.8
                                                               13.9
                                                                      5.7
                                                                            6.3
## 2722
         11.6
              15.7
                     20.5
                           23.4
                                29.1
                                       28.1
                                             29.7
                                                   23.9
                                                         17.4
                                                               14.5
                                                                     12.0
                                                                           11.1
## 2723
         12.5
              19.2 19.9 24.5
                                26.1
                                       28.4
                                             26.4
                                                   23.0
                                                        19.1
                                                              12.9
                                                                     10.4
                                                                           11.8
         10.4 10.6
                    18.7
                           22.0
                                 25.1
                                       25.9
                                             26.4
                                                   25.0
                                                        19.8
## 2724
                                                               11.5
                                                                      4.1
                                                                            9.8
                                                        10.0
         12.0 17.9
                     22.6
                           26.2
                                 26.6
                                       25.8
                                             24.4
                                                   19.4
                                                                      7.7
## 2725
                                                                9.9
                                                                            6.7
## 2726
         15.2 19.7
                     23.2
                           26.4
                                 28.0
                                       26.4
                                             23.6
                                                   18.0
                                                         15.6
                                                               14.0
                                                                      7.2
                                                                           10.6
## 2727
                     22.5
                           26.9
                                 28.0
                                       27.4
                                             26.3
                                                                           14.8
         15.7
               17.5
                                                   15.3
                                                        11.3
                                                               11.9
                                                                    13.5
## 2728
         21.3
               21.6
                     25.4
                           26.7
                                 27.2
                                       25.0
                                             20.5
                                                   12.7
                                                          9.5
                                                                6.8
                                                                     16.5
## 2729
                     25.7
                           27.5
                                26.5
                                       27.4
         17.6 24.5
                                             19.9
                                                   11.1
                                                         10.2
                                                                9.5
                                                                     14.6
                                                                           13.1
## 2730
         19.3 23.5
                     25.5
                           27.8 26.8
                                       28.2
                                             22.0
                                                   12.4
                                                         10.8
                                                               11.3
                                                                     11.8
                                                                           17.7
         17.1
               21.8
                     25.7
                           26.8 27.3
                                       24.4
                                             21.0
                                                   16.4
## 2731
                                                          8.7
                                                                9.5
                                                                      5.5
                                                                           11.8
## 2732
         14.7
               20.4
                     20.9
                           26.2
                                 22.9
                                       16.8
                                             15.0
                                                    8.2
                                                          3.7
                                                                4.5
                                                                      6.5
                                                                           14.2
## 2733
         19.7
               23.1
                     24.3
                           24.5
                                 18.1
                                       15.2
                                              9.0
                                                    4.5
                                                          1.5
                                                                9.1
                                                                     10.9
                                                                           15.7
## 2734
         21.1
               24.4 22.7
                           19.4
                                 11.1
                                        4.4
                                              2.2
                                                   -4.4
                                                          4.6
                                                                     20.6
                                                                           24.7
                                                               11.1
## 2735
         25.0
              22.4 14.2
                            9.7
                                  3.3
                                       -3.5
                                             -1.6
                                                    6.8
                                                         18.7
                                                               23.0
                                                                     27.3
                                                                           25.0
## 2736
         22.9 13.8
                      9.9
                            2.8
                                  4.8
                                       6.4
                                             18.0
                                                   23.6
                                                         24.8
                                                               26.0
                                                                     23.0
                                                                           14.9
                7.1
## 2737
         10.1
                      3.2
                          10.2
                                19.3
                                       22.6
                                             26.1
                                                   26.5
                                                         18.6
                                                                8.9
                                                                      4.9
                                                                            0.8
## 2738
         11.7
               22.6
                     23.9
                           15.7
                                  9.1
                                        1.5
                                              3.3
                                                   12.4
                                                         18.8
                                                               23.1
                                                                     25.0
                                                                           23.8
## 2739
         19.3
              13.5
                      7.9
                            0.6
                                17.6
                                       23.4
                                             19.4
                                                    0.3
                                                         15.6
                                                               19.6
                                                                     25.6
         27.9 21.5 14.0
                            9.4
                                             15.3
## 2740
                                  0.0
                                        3.8
                                                  18.0
                                                         26.2
                                                               29.1
                                                                     14.2
                                                                            9.5
## 2741
          5.0
                6.5
                     16.8
                          21.3
                                 25.1
                                       28.0
                                             25.1
                                                   21.2
                                                         13.5
                                                                8.7
                                                                      3.4
                                                                            3.7
## 2742
         12.9 17.8 23.6
                           24.4 24.2
                                       22.3
                                             14.1
                                                    6.9
                                                          0.0
                                                                1.5
                                                                           18.6
                                                                    14.1
                     24.5
## 2743
         22.9
              22.8
                           15.8
                                  6.1
                                        2.6
                                              0.3
                                                   18.8
                                                         26.8
                                                               24.4
                                                                      2.6
## 2744
         22.6 18.4 11.7
                           10.2
                                16.1
                                       19.0
                                             26.4
                                                   23.6
                                                         21.8
                                                               15.4
                                                                     11.3
                                                                           26.1
## 2745
               22.6
                     14.9
                            6.2
                                  5.7
                                       15.4
                                             19.3
                                                   22.9
                                                         25.1
                                                                4.5
         24.6
                                                                      5.9
                                                                           13.0
                                                               12.2
              24.2 25.8 23.6
                                       13.4
                                             10.8
                                                    4.2
                                                          3.2
## 2746
         18.3
                                20.3
                                                                    14.2
                                                                          17.6
                     27.5
## 2747
         22.1
               23.2
                           29.9
                                 29.4
                                       27.8
                                             20.6
                                                   15.0
                                                         10.6
                                                                9.5
                                                                     12.8
                                                                           14.4
## 2748
         19.4
               24.5
                     26.7
                           28.5
                                 29.6
                                       26.0
                                             21.1
                                                   15.6
                                                         11.7
                                                                8.5
                                                                     11.7
                                                                           15.8
## 2749
         20.3
               23.7
                     26.7
                           29.2
                                 30.4
                                       27.6
                                             22.5
                                                   18.3
                                                         13.1
                                                               13.0
                                                                      9.2
                                                                           16.0
               25.7
                     27.4
                           29.8
                                 29.2
                                             22.2
## 2750
         20.7
                                       26.3
                                                   17.1
                                                          6.8
                                                               14.4
                                                                    15.2
                                                                           16.5
## 2751
         21.0 25.8
                     29.9
                           28.6
                                30.1
                                       27.3
                                             21.1
                                                   17.6
                                                         10.7
                                                                8.5
                                                                     13.7
                                                                           17.5
                     27.5
## 2752
         21.9 24.8
                           28.8
                                 29.5
                                       25.1
                                             22.6
                                                   13.8
                                                         12.5
                                                               10.3
                                                                     14.9
                                                                           17.1
## 2753
         20.0 22.9
                    27.6 28.8 27.8
                                       27.1
                                             22.6
                                                   13.8
                                                         12.7
                                                                9.9
                                                                     12.5
                                                                           16.1
## 2754
         19.1
              23.2 27.4 29.6
                                30.8
                                      27.7
                                             21.4
                                                   13.2
                                                        12.8
                                                               11.2 12.9
## 2755
         20.7
               23.7
                     29.0
                           30.7
                                 28.7
                                       25.3
                                             21.9
                                                   17.8
                                                        13.2 12.0
                                                                    13.4
                                                                           15.9
## 2756
         19.8 24.6
                     26.3
                           29.1
                                 29.2
                                       25.7
                                             21.6
                                                   15.0
                                                        12.7
                                                              10.3
                                                                    14.3
                                                                           14.0
         20.5 27.0
                     28.0
                          30.4
                                 28.8
                                       25.4
                                                        12.8
## 2757
                                             21.0
                                                   15.8
                                                                9.4 11.7
                                                                          17.2
## 2758
         17.2 22.4
                     26.1
                           28.8
                                 28.4
                                       27.5
                                             21.4
                                                   13.7
                                                         10.3
                                                               13.6
                                                                    13.1
## 2759
         19.6 26.6 30.2 31.0
                                29.9
                                       28.2 22.0
                                                   17.1
                                                         11.6
                                                               13.0
                                                                     16.8
                                                                           16.8
               24.6
                     27.3
                           27.7
                                 29.9
                                       25.9
                                             19.8
                                                   16.0
                                                         11.3
## 2760
         22.1
                                                               11.4
                                                                     15.3
                                                                           17.6
               25.5
                     27.2 29.5
                                29.3
                                       26.4
                                             21.6
                                                          6.6
                                                                8.0
## 2761
         19.7
                                                   12.8
                                                                     12.5
                                                                           11.6
                     27.1
                           29.3
                                 28.4
                                             18.7
                                                   16.0
## 2762
         20.9
               24.1
                                       24.1
                                                        11.0
                                                               10.8
                                                                      8.8
                                                                           14.4
         22.7
               24.7
                     27.5
                           27.6
                                       25.6
                                             20.3
                                                   12.6
                                                         10.4
                                                                8.5
## 2763
                                 28.8
                                                                      9.8
                                                                           13.9
                     27.0
## 2764
         20.0
              26.0
                           27.7
                                 28.7
                                       24.4
                                             20.7
                                                   16.7
                                                         10.8
                                                               11.2
                                                                      9.7
                                                                           18.1
## 2765
         19.2 24.0
                     26.6
                          27.6
                                27.7
                                       25.8
                                             23.9
                                                   15.0
                                                               12.3
                                                                          15.1
                                                         10.0
                                                                     13.0
## 2766
         19.3 23.7
                     28.2 29.2
                                29.3
                                       29.0
                                             21.0
                                                   17.2
                                                         10.1
                                                              13.2
                                                                     11.6
                                                                           18.2
                     27.4
                           29.1
                                       25.9
## 2767
         23.5 24.8
                                 30.4
                                             21.5
                                                   16.0
                                                         11.1
                                                                7.6
                                                                     10.8
                                                                           17.1
## 2768
         17.1
               23.3
                     26.4
                           26.4
                                 28.3
                                       26.5
                                             22.6
                                                   15.5
                                                         11.2
                                                               10.3
                                                                     13.1
                                                                           15.5
         19.3 24.9
                     29.7
                           28.7
                                29.2 25.5 20.2
## 2769
                                                   15.5
                                                        10.8
                                                              10.3
                                                                     14.9
                                                                           16.9
                                                   15.9
## 2770
         19.8 24.8 29.1 31.0 30.4 25.6 20.4
                                                         8.2
                                                                9.3
                                                                      8.5
                                                                           15.0
         20.4 24.6 28.9 29.2 31.5 27.1 21.8 16.8 12.3
## 2771
                                                                9.8 12.8 19.2
```

```
## 2772
          24.5 25.7
                      30.6
                            32.0
                                  33.2
                                         29.1 22.1 16.6 11.2 12.8 14.1
## 2773
          23.2
                25.4
                      29.6
                             29.5
                                   30.6
                                         26.7
                                                21.2
                                                      17.9
                                                            14.1
                                                                  12.0
                                                                         15.0
                                                                               17.1
          19.4
                      29.6
                            29.9
                                         28.6
                                                21.9
## 2774
                24.3
                                   31.2
                                                      14.4
                                                            10.1
                                                                  10.4
                                                                         12.7
                             29.1
                                   30.6
                                         27.0
                                                23.6
## 2775
          20.7
                23.7
                      27.8
                                                      13.2
                                                            12.8
                                                                    8.8
                                                                         10.3
                                                                               14.4
## 2776
          21.3
                22.9
                      26.7
                             28.2
                                   28.8
                                         27.7
                                                23.4
                                                      16.2
                                                            12.8
                                                                   10.5
                                                                         15.1
                                                                               17.8
## 2777
          20.0
                23.1
                      27.8
                            30.2
                                   28.4
                                         27.3
                                                23.6
                                                      18.5
                                                            12.6
                                                                   13.3
                                                                         17.3
                24.2
                      28.1
                             30.2
                                   28.8
                                         26.2
                                                20.3
                                                      18.5
                                                            10.3
                                                                    9.4
## 2778
          21.7
                                                                         12.5
                25.9
                      29.4
                             29.8
                                   30.6
                                         25.9
                                                20.5
                                                      13.5
## 2779
          19.3
                                                            11.6
                                                                  10.9
                                                                         13.5
                                                                               15.8
## 2780
          20.8
                24.9
                      27.9
                             30.3
                                   32.2
                                         31.1
                                                22.1
                                                      14.9
                                                            13.2
                                                                   14.2
                                                                         12.8
          20.7
                25.4
                      28.5
                                         25.7
                                                                               18.2
## 2781
                             31.6
                                   31.9
                                                22.1
                                                      19.0
                                                            12.7
                                                                   12.0
                                                                          9.1
          20.6
## 2782
                23.9
                      28.6
                             28.9
                                   30.0
                                         28.3
                                                23.5
                                                      16.5
                                                            17.8
                                                                  10.0
                                                                         -0.5
          -9.9
                11.7
                      -3.2
                                                                               15.9
## 2783
                            -2.0
                                   18.6
                                         21.9
                                                 4.3
                                                      -3.1
                                                            -9.8 -10.6
                                                                          8.3
                                                      -7.1
                      -5.7
## 2784
          20.3
                -1.8
                             -9.7
                                   15.8
                                         19.9
                                                 5.1
                                                            -2.7
                                                                   10.1
                                                                         15.4
                                                                               23.0
## 2785
                19.0
                      12.4
                              6.5
                                   -4.6
                                                10.2
                                                      23.8
                                                             2.4
                                                                   21.8
                                                                         -1.3
          21.7
                                           0.7
                                                                               -9.4
## 2786
          -4.5
                 8.4
                      14.5
                             23.3
                                   24.2
                                         21.6
                                                16.8
                                                       4.7
                                                            -3.2
                                                                   -4.3 -11.0
                                                                               10.2
## 2787
          15.3
                23.8
                      23.0
                             22.8
                                   19.2
                                         12.3
                                                 3.7
                                                      -0.9
                                                            -9.6
                                                                   19.1
                                                                         13.6
                                                                               12.5
## 2788
          10.9
                10.9
                      17.5
                             23.3
                                   26.6
                                         27.0
                                                29.1
                                                      25.5
                                                            20.7
                                                                   14.4
                                                                         12.9
                                                                               12.6
## 2789
          19.3
                23.9
                      26.6
                             27.4
                                   26.5
                                         25.4
                                                18.7
                                                      13.4
                                                            13.6
                                                                   10.8
                                                                         11.6
          23.4
## 2790
                28.3
                      27.0
                             26.3
                                   20.5
                                          7.5
                                                 7.6
                                                      19.8
                                                            25.2
                                                                   28.3
                                                                         28.5
                                                                               26.6
## 2791
          20.0
                 7.2
                       8.1
                             21.3
                                   23.5
                                         28.0
                                                24.2
                                                      12.9
                                                            13.4
                                                                   14.2
                                                                         20.9
                                                                               24.9
          26.6
                                  13.0
## 2792
               28.2
                      27.0
                            13.6
                                         14.6
                                                12.9
                                                      19.6
                                                            26.5
                                                                   25.9
                                                                         26.0
                                                                               25.0
## 2793
          19.8
                14.1
                       7.2
                            13.0
                                   18.6
                                         24.1
                                                28.0
                                                      28.4
                                                            28.8
                                                                   26.7
                                                                         19.8
## 2794
          11.0
                 9.9
                      28.1
                             28.6
                                   26.0
                                         21.4
                                                18.6
                                                      10.2
                                                            13.7
                                                                   20.9
                                                                         24.5
                                                                               23.7
## 2795
          16.1
                 8.1
                      18.3
                             17.6
                                   27.9
                                         27.5
                                                13.9
                                                      11.2
                                                            17.6
                                                                   20.2
                                                                         25.9
                                                                               28.3
          29.1
                12.6
                      23.9
                            27.4
                                   28.8
                                         25.8
                                                            19.5
                                                                   24.2
                                                                         27.6
                                                                               28.0
## 2796
                                                11.6
                                                      12.5
## 2797
          28.4
                25.9
                      22.3
                            14.2
                                   17.2
                                           9.8
                                                10.1
                                                      12.2
                                                            12.2
                                                                  19.3
                                                                         27.2
## 2798
          34.8
                32.4
                      26.7
                             18.9
                                   13.7
                                           8.7
                                                 7.9
                                                      11.8
                                                            18.0
                                                                   21.5
                                                                         26.3
                                                                               31.2
## 2799
                33.0
                      27.4
                             20.0
                                   15.5
                                           7.5
                                                 7.4
                                                      10.7
                                                            16.2
          34.4
                                                                   19.5
                                                                         23.4
                                                                               31.2
                      28.7
                             20.9
                                   15.5
                                           7.9
                                                            15.6
## 2800
          34.0
                33.2
                                                10.2
                                                      11.2
                                                                   19.0
                                                                         28.4
                                                                               28.5
  2801
          34.9
                32.2
                      29.5
                             19.1
                                   15.1
                                           7.6
                                                 8.6
                                                      10.6
                                                            14.6
                                                                   17.5
                                                                         21.8
## 2802
          35.3
                32.2
                      28.7
                             21.3
                                   12.8
                                          10.7
                                                 8.8
                                                       9.6
                                                            15.9
                                                                   18.8
                                                                         21.9
                                                                               29.8
##
   2803
          32.5
                34.4
                      28.4
                            21.4
                                   11.9
                                           7.9
                                                 9.6
                                                      11.7
                                                            15.9
                                                                   20.4
                                                                         27.0
                                                                               31.4
                      29.1
                                                                         25.5
                                                                               32.7
##
   2804
          32.5
                32.9
                            21.2
                                   14.7
                                           9.5
                                                 7.1
                                                      10.3
                                                            18.2
                                                                   20.9
  2805
          34.1
                31.2
                      26.4
                            18.4
                                   14.3
                                           8.6
                                                      12.9
                                                            17.3
                                                                   20.7
                                                                         25.8
                                                                               31.6
##
                                                11.0
##
   2806
          33.9
                30.6
                      28.9
                             23.7
                                   14.2
                                         10.6
                                                10.6
                                                      14.7
                                                            19.2
                                                                   20.2
                                                                         23.2
                                                                               32.9
##
  2807
          32.1
                33.2
                      30.0
                            22.8
                                  11.6
                                          8.4
                                                 8.4
                                                      14.0
                                                            18.0
                                                                   19.7
                                                                         23.8
                                                                               34.3
## 2808
          34.8
                32.3
                      27.5
                            22.3
                                   16.1
                                           9.0
                                                 9.0
                                                      13.1
                                                            18.7
                                                                   20.6
                                                                         25.0
## 2809
          34.8
                33.4
                      27.4
                            21.5
                                   17.0
                                         10.9
                                                11.8
                                                      11.7
                                                            15.3
                                                                   22.1
                                                                         25.8
                                                                               32.6
## 2810
          34.9
                34.1
                      30.1
                             20.3
                                   13.2
                                           9.9
                                                 9.3
                                                       8.7
                                                            15.6
                                                                   21.7
                                                                         21.4
                                                                               30.7
## 2811
          34.5
                33.8
                      28.1
                            19.2
                                   14.7
                                           9.3
                                                10.2
                                                      11.7
                                                            14.8
                                                                   20.8
                                                                         27.9
                                                                               31.4
## 2812
          35.7
                35.7
                      30.9
                             23.9
                                   15.1
                                           9.5
                                                10.1
                                                       3.0
                                                              0.2
                                                                    6.9
                                                                          9.4
## 2813
          18.7
                24.2
                      24.2 21.4
                                   13.5
                                           5.6
                                                 0.9
                                                       3.9
                                                              4.1
                                                                    7.6
                                                                         12.0
                                                                               16.4
                25.4
                      26.1
                             21.5
## 2814
          20.5
                                   14.5
                                           7.6
                                                 2.5
                                                      -1.0
                                                              3.6
                                                                    9.7
                                                                         12.2
                                                                               16.1
          22.1
                26.8
                      23.5
                            19.2
                                                       4.1
                                                                    9.0
##
  2815
                                   10.8
                                           6.8
                                                -1.8
                                                              7.1
                                                                         12.4
                                                                               16.7
                      23.3
  2816
          22.0
                26.9
                             20.5
                                   14.6
                                           7.7
                                                 4.5
                                                       3.9
                                                              7.6
                                                                   11.1
                                                                          8.0
                                                                               13.6
                                                 2.3
## 2817
          23.7
                23.7
                      24.6
                             20.9
                                   15.1
                                           3.3
                                                       2.8
                                                              6.0
                                                                    9.0
                                                                         12.5
                                                                               15.6
## 2818
          23.0
                25.1
                      24.6
                             19.5
                                   12.7
                                           6.1
                                                 2.3
                                                       0.3
                                                              5.1
                                                                    8.8
                                                                         10.5
                                                                               17.1
## 2819
          22.5
                27.0
                      25.8
                            18.5
                                           8.9
                                                                               16.2
                                   11.7
                                                 1.6
                                                       5.4
                                                              3.0
                                                                    5.5
                                                                         11.9
## 2820
          22.1
                27.5
                      25.3
                             20.1
                                   12.2
                                           6.2
                                                 2.7
                                                       4.0
                                                              1.8
                                                                    7.1
                                                                         12.9
                                                                               12.4
                      25.4
                                           7.5
## 2821
          21.6
                24.9
                            18.1
                                   10.4
                                                 3.4
                                                       4.9
                                                              4.3
                                                                    6.1
                                                                         11.7
                                                                               16.1
## 2822
          20.0
                25.1
                      25.6
                            16.5
                                   14.2
                                           5.7
                                                -0.5
                                                       2.5
                                                              3.9
                                                                    6.2
                                                                         11.2
                                                                               15.6
## 2823
          23.2 26.2
                      23.1
                            19.2
                                   10.8
                                           7.8
                                                 1.8
                                                       1.8
                                                              4.2
                                                                   24.6
                                                                         20.0
                                                                               11.8
                            27.7
## 2824
          10.7
                 0.4 16.0
                                    8.7
                                           5.8
                                                 0.8
                                                      15.3
                                                              9.9
                                                                    2.4
                                                                          7.0
                                                                               27.1
                                         21.5
## 2825
          23.0
                 4.4
                        9.6 15.8 18.6
                                                25.6
                                                      14.7
                                                              5.2
                                                                    1.9
                                                                         23.1
                                                                               25.5
```

```
## 2826
           4.8 13.1 17.6 24.8 26.5
                                          24.2 10.7 -0.1 13.1
                                                                  17.5
                                                                          24.3
## 2827
                23.4
                       16.1
                              9.8
                                   11.0
                                           2.2
                                                 2.6
                                                        1.6
                                                              8.0
                                                                     9.8
                                                                          15.8
                                                                                23.2
          26.2
## 2828
          25.5
                22.6
                      19.0
                             12.2
                                     8.3
                                           2.0
                                                -0.1
                                                       -3.3
                                                              8.2
                                                                   11.4
                                                                          15.7
                                                                                 22.9
  2829
                             15.9
                                     4.8
                                                -3.3
                                                                     2.9
##
          23.5
                24.2
                       20.1
                                           5.4
                                                        0.6
                                                             20.7
                                                                          13.7
                                                                                  2.5
  2830
           3.6
                13.8
                       17.6
                             22.1
                                    24.2
                                          23.9
                                                20.0
                                                       16.4
                                                              7.3
                                                                     8.6
                                                                           1.6
                                                                                 13.6
  2831
          -3.2
                20.1
                      17.9
                             12.5
                                   -5.4
                                          12.0
                                                16.3
                                                        6.4
                                                              0.4
                                                                   11.7
                                                                          16.4
                                                                                24.3
##
          22.5
                      13.3
                              7.4
                                   -3.0
                                           2.4
                                                16.6
                                                       25.7
                                                                    20.2
  2832
                20.5
                                                             21.1
                                                                           4.4
                      11.9
                             23.2
                                    25.7
                                          22.1
                                                -2.8
                                                       -0.3
                                                                                 25.8
## 2833
           1.2
                -3.6
                                                             10.1
                                                                    15.4
                                                                          25.7
##
   2834
          23.6
                  6.0
                       -1.0
                             -1.5
                                    -8.5
                                          11.4
                                                16.6
                                                       25.1
                                                             25.1
                                                                    25.0
                                                                          21.0
                                                                                 13.4
           6.5
                             16.8
                                          26.8
                                                 25.5
                                                              7.5
                                                                          16.7
                                                                                 20.6
##
   2835
                  1.7
                      -4.2
                                   20.2
                                                        7.1
                                                                     8.4
   2836
          24.1
                25.4
                       25.3
                             21.8
                                   18.2
                                           9.7
                                                12.0
                                                        5.4
                                                             -2.2
                                                                    -7.7
                                                                           7.1
                                                                                16.3
  2837
          21.4
                21.9
                       18.6
                             13.8
                                     3.0
                                          -2.4
                                                -3.0
                                                       -5.5
                                                             10.1
                                                                    13.1
                                                                          20.1
                                                                                 21.8
##
##
   2838
          20.5
                17.3
                        9.3
                              3.5
                                   -3.8
                                          -8.6
                                                -2.4
                                                        8.1
                                                             15.0
                                                                    19.2
                                                                          19.3
                                                                                 20.3
   2839
           8.5
                       -2.4
                             -4.8
                                   -3.8
                                           4.3
                                                             20.4
                                                                          23.3
##
                  6.6
                                                11.4
                                                       16.0
                                                                    23.7
                                                                                16.5
## 2840
          11.5
                  4.8
                       -4.2
                             -6.4
                                   -4.2
                                           0.4
                                                 7.5
                                                       15.1
                                                             19.5
                                                                    23.6
                                                                          21.2
                                                                                16.0
##
   2841
          11.1
                  5.6
                        0.3
                             -1.8
                                    -0.8
                                          10.2
                                                 8.3
                                                       17.1
                                                             21.0
                                                                    25.1
                                                                          21.2
                                                                                 16.8
  2842
          10.4
                        1.6
                             -2.9
                                   -4.0
                                          -1.1
                                                  6.3
                                                       16.0
                                                             19.6
                                                                    22.6
                                                                          20.3
                                                                                16.5
##
                  3.8
##
   2843
          11.1
                  3.1
                       -4.1
                             -9.2
                                   -8.5
                                          -3.4
                                                  8.4
                                                       14.5
                                                             20.5
                                                                    19.6
                                                                          20.8
                                                                                15.2
           9.8
                                                 8.4
  2844
                      -0.2
                            -6.2 -10.7
                                           0.5
                                                       16.5
                                                             19.2
                                                                    21.4
                                                                          20.5
                                                                                19.1
##
                  1.3
##
  2845
          11.0
                  7.1
                        4.0
                             -3.4
                                   -1.6
                                           4.5
                                                 7.2
                                                       15.2
                                                             20.7
                                                                    23.2
                                                                          23.2
                                                                                18.9
                                                                    22.8
##
  2846
          12.6
                  7.5
                       -2.2
                             -1.7
                                     1.9
                                           1.8
                                                11.6
                                                       14.3
                                                             21.7
                                                                          20.0
                                                                                18.4
  2847
          13.2
                  3.5
                       -4.0
                             -4.4
                                   -0.8
                                           0.5
                                                  4.5
                                                       18.1
                                                             20.6
                                                                    23.1
                                                                          22.6
                                                 8.6
                                                       13.5
## 2848
           9.7
                      -0.2
                             -6.1
                                    -3.6
                                           0.0
                                                             19.0
                                                                    23.5
                                                                          21.3
                                                                                19.0
                  1.1
          10.3
                        0.8
                             -0.9
                                    -2.9
                                           3.9
                                                 6.3
                                                             20.8
                                                                    24.6
                                                                          22.1
                                                                                 16.3
## 2849
                  0.6
                                                       13.7
           8.8
                      -0.4
                             -2.6
                                   -6.6
                                           5.3
                                                             21.3
                                                                          22.3
## 2850
                  6.8
                                                 9.1
                                                       14.1
                                                                    21.5
                                                                                 17.8
  2851
          13.8
                  3.2
                        1.6
                             -7.0
                                   -9.7
                                           2.1
                                                15.4
                                                       16.8
                                                              1.3
                                                                    -2.6
                                                                          19.8
                                                                                15.5
##
  2852
           4.1
                -3.8
                        9.2
                             -5.1
                                    21.4
                                          19.6
                                                 0.1
                                                        8.2
                                                             -4.4
                                                                    21.1
                                                                          21.1
                                                                                11.9
   2853
                        1.2
                             -6.1
                                    -3.5
                                          10.5
                                                13.4
                                                       21.7
                                                             17.2
##
          14.1
                21.4
                                                                    -6.9
                                                                          14.2
                                                                                 17.0
                             -5.5
##
  2854
          -1.4 -10.4
                       13.5
                                   -1.9
                                           8.4
                                                11.9
                                                       21.5
                                                             21.3
                                                                    17.8
                                                                          -2.1
                                                                                  0.4
  2855
          12.7
                15.0
                        2.1
                             -3.8
                                   13.2
                                          24.2
                                                14.0
                                                       -8.2
                                                             23.4
                                                                     6.1
                                                                           8.1
                                                                                 10.0
##
  2856
          22.0
                15.3
                       -4.3
                              5.6
                                    19.6
                                          23.2
                                                 5.3
                                                       -4.7
                                                             -4.2
                                                                     0.8
                                                                          11.7
                                                                                 19.9
##
   2857
          22.6
                23.9
                       15.7
                              9.1
                                     1.5
                                           3.3
                                                12.4
                                                       18.4
                                                             23.1
                                                                    25.0
                                                                          23.8
                                                                                 19.3
                       17.6
##
   2858
          13.5
                  0.6
                             23.4
                                   19.4
                                           0.3
                                                  1.4
                                                       15.6
                                                             19.4
                                                                    25.8
                                                                          26.4
                                                                                27.9
          14.8
  2859
                 0.0
                        3.0
                             15.3
                                   17.6
                                          26.4
                                                19.0
                                                       10.0
                                                              5.0
                                                                     6.9
                                                                          16.7
                                                                                 22.0
##
##
   2860
          25.1
                29.1
                       25.8
                             21.4
                                   13.5
                                           9.0
                                                 3.4
                                                       12.2
                                                             24.4
                                                                    22.3
                                                                          13.9
                                                                                 0.2
##
  2861
           1.7
                14.1
                      19.2
                             23.3
                                   23.6
                                          21.2
                                                16.1
                                                        5.9
                                                              2.6
                                                                     0.3
                                                                          15.4
                                                                                18.8
##
  2862
          26.8
                24.4
                        2.6
                              6.8
                                   25.5
                                          25.5
                                                22.5
                                                       18.6
                                                             11.7
                                                                    10.2
                                                                          16.1
## 2863
          26.4
                23.6
                      21.8
                             15.4
                                    11.3
                                          26.1
                                                24.6
                                                       22.6
                                                              6.2
                                                                     5.7
                                                                          15.4
                                                                                 19.3
   2864
          22.9
                25.3
                       25.4
                             25.3
                                     4.5
                                           4.7
                                                 13.3
                                                       17.7
                                                             24.9
                                                                    26.5
                                                                          24.7
                                                                                 21.1
##
                                                             26.2
  2865
          13.6
               11.2
                        3.0
                             -0.4
                                   13.4
                                          17.5
                                                24.4
                                                       25.6
                                                                    23.4
                                                                          16.6
                                                                                  9.3
##
  2866
          10.5
                  1.3 - 14.7
                              0.3
                                     6.2
                                           7.2
                                                12.7
                                                       13.0
                                                             17.7
                                                                          28.3
                                                                    23.0
                                                                                 26.2
          20.9
  2867
                16.8
                      12.6
                              4.7
                                     3.1
                                           3.1
                                                10.7
                                                       14.1
                                                             17.8
                                                                    23.5
                                                                          25.3
                                                                                 25.0
##
                        8.1
##
  2868
          21.3
                17.5
                              8.6
                                     1.8
                                          -3.6
                                                 0.2
                                                        7.5
                                                             13.1
                                                                    10.4
                                                                           2.5
                                                                                 7.4
   2869
                18.2
                       15.2
                              5.6
                                          -5.2
                                                -0.6
                                                                     8.9
                                                                                20.9
##
          12.4
                                     5.0
                                                       -2.5
                                                              4.9
                                                                          13.0
  2870
                      19.5
                             12.2
                                                -2.5
          22.6
                21.6
                                     3.7
                                           1.4
                                                       -1.4
                                                              6.2
                                                                     9.0
                                                                          12.4
                                                                                 21.4
                      14.7
                                                  2.2
                                                        0.1
## 2871
          24.0
                23.4
                             10.5
                                     4.7
                                          -1.9
                                                              8.6
                                                                    11.4
                                                                          15.3
                                                                                 22.9
## 2872
          24.2
                21.8
                      15.3
                             10.6
                                     6.5
                                          -0.3
                                                -0.9
                                                       -1.4
                                                              3.1
                                                                     5.3
                                                                          13.2
                                                                                 21.0
## 2873
                21.3
                      19.0
                              9.1
                                          -1.4
                                                -0.9
                                                       -0.6
                                                                                19.4
          22.0
                                     4.1
                                                              4.3
                                                                     8.6
                                                                          12.0
                                                              6.1
## 2874
          21.5
               20.2
                      18.3
                             12.0
                                     2.4
                                          -0.2
                                                 0.5
                                                        1.0
                                                                     9.3
                                                                          10.8
                                                                                20.2
## 2875
          21.1
                21.6
                       18.1
                             10.8
                                     2.0
                                          -1.5
                                                -1.7
                                                        2.9
                                                              5.7
                                                                     8.5
                                                                          12.4
                                                                                19.1
## 2876
          23.2
                18.2
                       16.4
                             12.2
                                          -1.8
                                                -0.7
                                                                     9.4
                                                                          10.9
                                                                                21.0
                                     7.1
                                                        4.8
                                                              8.3
## 2877
          22.3
                19.9
                       15.6
                              8.3
                                     6.3
                                          -0.7
                                                  0.1
                                                       -0.3
                                                              6.3
                                                                     8.4
                                                                          14.7
                                                                                22.2
## 2878
          22.3
                19.0
                       19.0
                              8.8
                                     2.8
                                          -0.3
                                                  0.6
                                                       -0.2
                                                              2.8
                                                                     9.7
                                                                          10.9
                                                                                17.9
## 2879
          22.7 22.9
                       20.4
                              7.1
                                     3.6
                                           1.6
                                                -0.4
                                                      -1.1
                                                              6.1
                                                                     6.5 13.4 19.0
```

```
8.2
## 2880
          23.5 21.2 17.7
                                    4.5 -1.5 -1.6 -4.0
                                                              4.5
                                                                    6.1 11.1 19.2
          20.7
## 2881
                20.8
                       17.0
                              9.5
                                    6.0
                                          2.9
                                                -1.6
                                                      -2.3
                                                              7.9
                                                                    6.2
                                                                         13.8 -10.3
                             24.6
                                                                               13.6
## 2882
           9.9
                 0.3
                       19.2
                                   20.9
                                         14.5
                                                -3.1
                                                      -5.3
                                                            25.5
                                                                   20.4
                                                                         19.0
## 2883
                              5.2
                                   -8.7
                                         -7.3
                                                      22.2
          22.1
                19.7
                       17.8
                                                12.6
                                                            23.1
                                                                   15.3
                                                                          2.4
                                                                                -4.7
  2884
         -12.0
                 6.5
                       13.8
                             23.2
                                   22.9
                                         22.0
                                                17.5
                                                      10.7
                                                              1.7
                                                                   -5.3 -10.6
                                                                                 1.0
## 2885
          -3.5
                  1.7
                        9.9
                            14.1
                                   18.5
                                         23.5
                                                22.2
                                                      16.1
                                                              8.5
                                                                    5.1
                                                                          0.4
                                                                                -3.0
          -8.4
                        6.4
                            14.6
                                   20.1
                                         21.8
                                                22.0
                                                      18.4
                                                            14.1
                                                                         -3.2
  2886
                  4.3
                                                                    3.6
                                                                                -5.1
                                                                         -5.3
          -5.8
                        7.4
                            11.6
                                         21.8
                                                21.4
                                                      17.9
                                                             10.8
                                                                                -9.9
## 2887
                  0.3
                                   19.3
                                                                    3.3
##
  2888
          -2.9
                  2.3
                        7.0
                             13.8
                                   17.7
                                         20.0
                                                20.0
                                                      16.6
                                                              9.3
                                                                    7.2
                                                                         -2.9
                                                                                -5.3
                                                                         -4.0
  2889
          -2.6
                                         24.4
                                                                    5.3
                                                                                -6.5
##
                  4.1
                       10.4
                            15.1
                                   20.2
                                                24.1
                                                      16.7
                                                            12.7
   2890
          -4.1
                  0.9
                        7.1
                             12.4
                                   18.4
                                         24.2
                                                22.6
                                                      16.3
                                                             11.2
                                                                    5.9
                                                                          0.8
                                                                               -2.1
##
  2891
          -0.7
                 9.3
                        7.6
                             15.4
                                   21.5
                                         25.6
                                                21.6
                                                      16.2
                                                              9.7
                                                                    3.9
                                                                                -3.9
                                                                          1.1
##
  2892
          -4.2
                -1.0
                        7.4
                             14.5
                                   18.9
                                         21.8
                                                21.5
                                                      18.4
                                                            11.2
                                                                    2.8
                                                                         -6.0
                                                                                -9.8
   2893
          -9.1
                -1.6
                                         19.9
                                                      16.3
                                                             10.3
                                                                    0.5
##
                        6.5
                             13.1
                                   17.8
                                                21.0
                                                                         -0.3
                                                                                -5.3
##
  2894
          -9.6
                  1.5
                        7.2
                             14.6
                                   17.3
                                         21.2
                                                20.7
                                                      19.4
                                                             11.7
                                                                    6.9
                                                                          3.1
                                                                                -4.6
##
   2895
          -1.5
                  4.4
                        6.3
                             13.9
                                   20.4
                                         23.2
                                                23.4
                                                      19.7
                                                             13.2
                                                                    7.9
                                                                         -3.0
                                                                                -2.3
##
   2896
           1.7
                 2.1
                        9.5
                            12.3
                                   20.5
                                         21.7
                                                20.3
                                                      18.9
                                                             13.2
                                                                    3.9
                                                                         -3.1
                                                                                -4.3
##
   2897
          -3.2
                  1.6
                        3.9
                             16.4
                                   18.5
                                         22.7
                                                22.9
                                                      18.9
                                                             10.6
                                                                    1.2
                                                                          0.3
                                                                                -6.0
##
  2898
          -3.2
                 0.5
                        7.6
                            11.7
                                   17.8
                                         23.2
                                                21.5
                                                      19.4
                                                              9.7
                                                                          0.9
                                                                    0.9
                                                                                -1.1
          -2.4
                                                                                -2.3
##
  2899
                 4.2
                        7.0
                             12.4
                                   20.2
                                         24.4
                                                22.5
                                                      17.4
                                                              9.0
                                                                    7.6
                                                                         -0.2
                            14.1
## 2900
          -7.3
                 5.3
                        8.6
                                   21.8
                                         22.2
                                                23.5
                                                      19.5
                                                             14.6
                                                                    4.1
                                                                          2.1
                                                                                -6.8
## 2901
          -0.3
                -0.1
                       12.7
                             16.6
                                   20.7
                                         18.6
                                                13.1
                                                       7.3
                                                              5.3
                                                                   -9.3
                                                                          5.5
                                                                                15.1
                       -4.2
                                                      17.2
                                                              7.7
## 2902
          19.4
                17.5
                            10.4
                                   11.5
                                         18.2
                                                19.6
                                                                    1.8
                                                                         -8.9
                                                                                 7.7
                17.0
                      14.0
                             -3.7
                                   -6.0
                                         -5.4
                                                10.3
                                                      14.5
                                                            21.0
                                                                   19.4
                                                                                 8.7
## 2903
          13.0
                                                                         15.0
          -5.7
                -3.9
                        6.6
                            14.3
                                   22.0
                                         19.1
                                                 8.8
                                                       0.5
                                                            -2.1
                                                                    6.4
                                                                         22.0
                                                                                19.4
## 2904
                                                      18.2
  2905
          15.2
                10.2
                        2.1
                              0.9
                                   -4.6
                                           6.6
                                                17.4
                                                            14.2
                                                                   10.9
                                                                         -7.6
##
  2906
          18.5
                18.9
                       18.3
                             15.3
                                   10.1
                                           1.4
                                                -7.4 -11.2
                                                             16.6
                                                                   17.6
                                                                         20.0
                                                                                19.2
   2907
                       -3.9
                             -3.7
                                    5.9
                                         13.5
                                                18.2
                                                      21.7
                                                             10.8
##
          18.2
                 5.1
                                                                    6.1
                                                                         -1.0
                                                                                 1.6
## 2908
                       20.6
                                                              3.6
          11.2
                18.3
                            18.9
                                   16.8
                                           3.7
                                                -4.7
                                                       0.6
                                                                   17.6
                                                                         18.2
                                                                                21.2
## 2909
          -6.9
                -3.5
                        7.0
                             13.2
                                   16.5
                                         20.5
                                                18.1
                                                      15.8
                                                              0.1
                                                                   -1.9
                                                                         -2.8
                                                                                 4.3
## 2910
          11.3
                17.0
                       21.5
                             13.7
                                    9.1
                                           6.0
                                                -2.0
                                                      -4.2
                                                             12.1
                                                                   10.5
                                                                         15.7
                                                                                22.9
## 2911
          24.9
                28.6
                       28.1
                             28.6
                                   25.9
                                         21.5
                                                14.3
                                                      12.1
                                                             10.1
                                                                   11.7
                                                                         15.9
                                                                                21.9
          26.9
                27.3
                      27.1
                             28.2
                                   24.5
## 2912
                                         21.5
                                                17.2
                                                      12.2
                                                             12.5
                                                                   11.5
                                                                         19.0
          23.8
                                                15.9
                                                                         16.8
## 2913
                27.1
                       28.3
                             27.7
                                   26.9
                                         24.0
                                                      11.8
                                                            13.3
                                                                   13.5
                                                                                20.2
                       28.9
## 2914
          23.9
                28.1
                             29.5
                                   29.1
                                         21.4
                                                17.7
                                                      11.7
                                                             14.6
                                                                   13.2
                                                                         19.7
                                                                                24.8
## 2915
          26.0
                28.7
                       28.6
                             31.3
                                   26.2
                                         22.5
                                                17.7
                                                      12.4
                                                             9.1
                                                                   12.7
                                                                         18.4
                                                                               18.6
## 2916
          24.1
                26.3
                       26.9
                             27.8
                                   26.1
                                         22.8
                                                16.8
                                                      13.5
                                                            10.9
                                                                   16.5
                                                                         17.8
## 2917
          26.3
                29.5
                       28.9
                             29.1
                                   26.4
                                         21.3
                                                17.6
                                                      12.8
                                                            11.8
                                                                   16.6
                                                                         18.4
                                                                                21.6
## 2918
          26.0
                29.7
                       31.5
                             30.8
                                   25.8
                                         21.1
                                                16.1
                                                       9.1
                                                              9.9
                                                                   10.0
                                                                         15.2
                                                                                20.8
## 2919
          25.3
                28.5
                       28.8
                             30.8
                                   26.7
                                         21.8
                                                17.4
                                                      12.0
                                                            11.1
                                                                   13.4
                                                                         19.3
                                                16.9
## 2920
          26.5
                30.1
                       31.2
                             32.4
                                   29.1
                                         22.5
                                                      12.1
                                                            13.1
                                                                   14.1
                                                                         19.1
          25.1
## 2921
                29.1
                       28.9
                             30.0
                                   25.9
                                         21.4
                                                17.2
                                                      13.9
                                                            12.3
                                                                   15.0
                                                                         17.1
                                                                                19.7
                28.8
                       29.1
                             31.4
                                   28.4
                                         23.3
                                                16.1
                                                      11.2
## 2922
          24.3
                                                            10.4
                                                                   12.4
                                                                         15.9
          24.5
                28.2
                       29.4
                             30.3
                                   26.9
                                         24.6
                                                              9.3
                                                                   11.6
## 2923
                                                14.0
                                                      13.7
                                                                         16.0
                                                                               21.5
                       29.0
                             29.9
                                   28.0
                                         24.2
                                                17.8
## 2924
          24.2
                26.9
                                                      14.2
                                                            11.2
                                                                   14.8
                                                                         18.6
                                   27.7
                                         23.2
                                                19.0
## 2925
          24.8
                28.4
                       29.5
                             28.6
                                                      13.1
                                                             15.0
                                                                   18.8
                                                                         19.4
                                                                                21.7
## 2926
          24.9
                27.8
                       30.8
                             29.4
                                   26.9
                                         22.1
                                                19.6
                                                      11.5
                                                            10.5
                                                                   15.3
                                                                         19.0
                                                                                20.7
## 2927
          27.3
                30.2
                       30.6
                             30.6
                                   25.6
                                                                                20.3
                                         22.0
                                                13.5
                                                      12.1
                                                             12.1
                                                                   14.8
                                                                         15.9
## 2928
          25.6
                27.6
                       29.7
                             31.5
                                   30.1
                                         21.9
                                                13.8
                                                      13.0
                                                             13.7
                                                                   12.5
                                                                         20.5
                                                                                20.4
## 2929
          24.6
                26.8
                       29.1
                             30.2
                                   24.8
                                         21.3
                                                17.9
                                                      11.5
                                                            11.4
                                                                    9.2
                                                                         18.3
                                                                                21.7
## 2930
          24.7
                28.7
                       28.2
                             29.6
                                   28.7
                                         24.6
                                                17.8
                                                      19.4
                                                            12.2
                                                                   22.9
                                                                         21.9
                                                                                21.9
                      23.8 25.6
## 2931
          22.5
                23.4
                                  25.6
                                         25.2
                                                24.3
                                                      23.0
                                                            27.0
                                                                   25.8
                                                                         20.5
                                                                               26.7
## 2932
          26.4
                26.9
                      26.1
                             23.4
                                   22.2
                                         21.5
                                                21.6
                                                      22.8
                                                            23.9
                                                                   25.3
                                                                         25.4
                                                                                25.1
          24.8 22.8 24.8 21.3 23.2
                                         23.5 24.4 25.1 26.3
## 2933
                                                                  26.3
                                                                         26.1
                                                                               25.8
```

```
## 2934
          23.3
               23.7
                       24.8
                              25.7
                                    26.3
                                          25.6 25.2 24.5
                                                              22.4
                                                                    21.9
                                                                           21.8
## 2935
          23.3
                 25.1
                       25.9
                              26.0
                                    24.8
                                          24.1
                                                 21.4
                                                       22.1
                                                              23.1
                                                                    23.4
                                                                           25.5
                                                                                  26.2
          26.3
                                          22.6
                                                              23.5
                                                                           25.3
## 2936
                 25.6
                       25.7
                              24.2
                                    22.4
                                                 22.5
                                                       21.5
                                                                    24.2
                                                                                  26.1
  2937
                              21.5
                                    23.3
                                          22.2
                                                        22.5
##
          26.6
                 26.3
                       25.2
                                                 21.7
                                                              23.6
                                                                     24.4
                                                                           25.7
                                                                                  25.9
##
  2938
          26.7
                 25.6
                       25.4
                              23.0
                                    20.9
                                          22.3
                                                 23.0
                                                        24.0
                                                              24.6
                                                                     26.0
                                                                           26.9
                                                                                  27.1
##
  2939
          25.2
                 26.2
                       24.9
                             20.4
                                   21.8
                                          23.1
                                                 22.7
                                                        23.3
                                                              24.7
                                                                     26.1
                                                                           26.6
                                                                                  25.2
                       23.0
                              23.0
                                    18.1
                                          22.0
                                                 23.7
                                                        25.9
                                                              26.4
                                                                     25.7
                                                                           22.9
  2940
          26.5
                 24.7
                       23.1
                 25.2
                              22.8
                                    22.8
                                          29.4
                                                        17.5
                                                                                  27.6
## 2941
          23.2
                                                  6.3
                                                              21.0
                                                                     25.7
                                                                           26.3
##
  2942
          25.6
                 21.0
                       13.7
                              15.9
                                     7.5
                                           21.9
                                                 29.7
                                                        24.7
                                                              22.8
                                                                    15.6
                                                                            6.4
                                                                                  9.9
                       26.6
                                                              25.6
                                                                     27.3
                                                                                  19.0
##
  2943
          21.8
                 24.6
                              27.3
                                    16.1
                                           11.5
                                                 15.5
                                                        20.9
                                                                           28.1
   2944
           7.0
                 15.8
                       23.5
                              23.7
                                    28.6
                                           26.9
                                                 24.4
                                                        15.5
                                                               7.2
                                                                      8.1
                                                                           10.5
                                                                                  27.7
                               7.2
                                                        27.2
##
  2945
          25.5
                 22.6
                       18.1
                                     8.2
                                          15.6
                                                 17.7
                                                              25.6
                                                                     24.9
                                                                           17.9
                                                                                  10.1
                       16.5
##
   2946
           4.9
                  7.4
                              21.1
                                    24.7
                                           27.2
                                                 25.1
                                                        18.1
                                                              11.9
                                                                      8.8
                                                                            6.1
                                                                                   8.2
          21.3
                 26.5
                       29.5
                              27.7
                                    23.9
                                                  9.6
                                                        18.3
                                                              22.5
                                                                     26.4
##
   2947
                                           12.1
                                                                           29.1
                                                                                  25.4
##
  2948
          19.7
                  8.2
                       12.7
                              19.0
                                    27.8
                                          28.0
                                                 27.6
                                                        24.8
                                                              20.6
                                                                     9.4
                                                                            9.2
                                                                                  17.9
##
   2949
          26.9
                 28.4
                       17.8
                              12.5
                                     8.5
                                           11.0
                                                 16.3
                                                        21.3
                                                              26.8
                                                                     29.4
                                                                           28.8
                                                                                  24.1
##
   2950
          16.7
                 10.2
                       17.9
                              21.0
                                    25.6
                                          30.1
                                                 26.9
                                                        24.3
                                                              17.9
                                                                    12.3
                                                                            9.5
                                                                                   8.8
##
   2951
          18.8
                 19.1
                       26.6
                             27.1
                                    28.4
                                          24.0
                                                 16.2
                                                        12.0
                                                               8.2
                                                                    10.7
                                                                           17.1
                                                                                  22.2
                                          10.3
                                                                    17.7
  2952
          25.2
                28.4
                       28.9
                              24.5
                                    19.6
                                                  7.2
                                                         8.5
                                                              10.7
                                                                           22.5
                                                                                  27.3
##
##
  2953
          30.5
                 28.2
                       24.8
                              16.2
                                    11.9
                                            8.0
                                                  7.7
                                                         7.4
                                                              24.7
                                                                     21.8
                                                                            8.2
                                                                                   1.6
##
  2954
           5.4
                 10.7
                       23.5
                              21.7
                                     2.5
                                          14.9
                                                 20.3
                                                        -9.2
                                                               5.8
                                                                     8.4
                                                                           21.7
                                                                                  20.7
   2955
          16.1
                 10.2
                       -6.2
                               9.1
                                    -7.8
                                           -2.7
                                                  9.8
                                                        24.8
                                                              16.8
                                                                      7.0
                                                                           -5.3
                                                                                   7.6
                              18.3
                                                 -7.4
  2956
          20.1
                 20.8
                       21.0
                                    11.2
                                           -6.9
                                                         0.1
                                                               7.6
                                                                    11.0
                                                                           22.8
                                                                                  20.3
##
          14.9
                  9.0
                        2.5
                              -9.3
                                    11.6
                                           18.2
                                                 23.4
                                                        13.9
                                                               6.0
                                                                                  -7.6
##
   2957
                                                                     1.6
                                                                           -6.3
                                                 -8.0
           6.4
                13.2
                       22.8
                              20.6
                                     6.2
                                           -8.9
                                                              16.9
                                                                           21.5
                                                                                   2.0
##
  2958
                                                         7.0
                                                                    22.0
   2959
          -2.1
                 -6.0
                        5.0
                              12.9
                                    18.4
                                           23.0
                                                 22.9
                                                         6.3
                                                               0.8
                                                                    -5.5
                                                                           -4.9
                                                                                  -7.7
##
   2960
           5.1
                 11.2
                       21.9
                              24.2
                                    20.4
                                          16.9
                                                  7.7
                                                         3.9
                                                              -1.2
                                                                    -4.6
                                                                           21.4
                                                                                  22.5
                       26.0
                              28.0
                                    28.9
                                           29.2
                                                 28.6
                                                        27.1
                                                              25.7
                                                                    19.5
##
   2961
          25.0
                 26.3
                                                                           17.8
                                                                                   9.9
                       25.3
                                          21.3
                                                 12.4
                                                         9.4
                                                              19.8
##
  2962
           9.5
                 20.6
                              22.1
                                    10.1
                                                                    24.0
                                                                           26.3
                                                                                  23.0
##
  2963
          12.7
                  7.7
                       15.3
                              22.4
                                    26.8
                                          24.3
                                                 10.8
                                                        10.6
                                                              12.8
                                                                     23.6
                                                                           25.7
                                                                                  22.5
## 2964
           7.1
                  8.4
                       14.3
                              24.1
                                    17.6
                                           15.4
                                                 25.3
                                                        24.0
                                                              18.0
                                                                      6.2
                                                                           16.0
                                                                                  9.4
##
   2965
          11.7
                 24.7
                       19.3
                              26.9
                                     9.9
                                           17.1
                                                 20.7
                                                        25.5
                                                              26.9
                                                                    22.9
                                                                           17.9
                                                                                  13.1
                       20.9
                              25.4
##
   2966
           8.9
                 15.9
                                    28.3
                                           16.7
                                                 10.3
                                                        16.3
                                                              28.3
                                                                    24.0
                                                                           18.9
                                                                                  13.3
  2967
                 19.3
                       25.2
                              26.2
                                    22.7
                                            8.3
                                                 10.6
                                                        16.2
                                                              21.1
                                                                     24.1
                                                                           27.2
##
          11.5
                                                                                  23.7
##
   2968
          19.0
                 10.3
                       10.7
                               6.8
                                     9.3
                                           15.9
                                                 21.9
                                                        25.3
                                                              26.7
                                                                     25.1
                                                                           23.2
                                                                                  19.4
                              17.2
##
  2969
          16.1
                  8.1
                       10.7
                                   17.8
                                          22.9
                                                 24.7
                                                        27.3
                                                              26.0
                                                                    18.3
                                                                           12.9
                                                                                  8.5
## 2970
           6.8
                  9.8
                       13.3
                              20.5
                                    26.3
                                          27.8
                                                 26.9
                                                        23.1
                                                              18.0
                                                                     13.5
                                                                            8.3
                                                                                   7.9
## 2971
           7.5
                 16.0
                       23.2
                              25.7
                                    27.8
                                          27.9
                                                 23.8
                                                        17.7
                                                              12.7
                                                                    10.3
                                                                            6.8
                                                                                   9.2
  2972
          12.6
                 20.8
                       24.7
                              27.4
                                    28.2
                                          23.7
                                                 19.1
                                                        12.8
                                                               2.8
                                                                    10.1
                                                                           14.0
                                                                                  22.1
##
          26.0
                              23.6
                                    20.8
                                                               7.6
## 2973
                 26.9
                       27.2
                                          13.2
                                                 15.2
                                                         3.9
                                                                    16.0
                                                                           22.5
                                                                                  26.2
  2974
          27.9
                 28.8
                       23.9
                              19.7
                                    16.0
                                            6.4
                                                  9.4
                                                              15.4
                                                                           22.4
                                                         9.9
                                                                    19.1
          28.6
## 2975
                 27.2
                       26.1
                             18.3
                                    13.3
                                            7.8
                                                  7.2
                                                        11.1
                                                              13.3
                                                                    17.8
                                                                           24.0
                                                                                  26.2
                 29.6
                       24.8
                             17.8
                                    13.3
                                                         9.6
                                                              13.5
  2976
          27.9
                                          10.0
                                                  5.7
                                                                    18.4
                                                                           22.2
                                                                                  26.6
          28.5
                 28.7
                       25.4
                             17.8
                                            9.6
                                                 10.8
                                                              13.8
##
  2977
                                    14.8
                                                         7.7
                                                                    18.7
                                                                           23.2
                                                                                  24.8
  2978
                 27.2
                       23.2
                             19.2
                                            4.9
          27.3
                                    14.8
                                                 11.4
                                                        13.6
                                                              15.2
                                                                    18.7
                                                                           22.5
## 2979
          27.9
                       26.5
                                            9.2
                 28.5
                              18.3
                                    14.9
                                                  6.8
                                                        11.1
                                                              15.6
                                                                     20.3
                                                                           24.1
                                                                                  27.0
##
  2980
          28.1
                 27.3
                       24.3
                              20.4
                                    11.2
                                          10.7
                                                  8.4
                                                        12.6
                                                              15.3
                                                                    18.4
                                                                           21.9
                                                                                  25.8
  2981
          28.3
                 25.9
                       24.4
                              19.4
                                            9.7
                                                  8.0
                                                              12.9
                                                                           21.5
                                                                                 26.8
##
                                    11.1
                                                         9.6
                                                                     16.3
##
  2982
          29.2
                 29.3
                       25.2
                              18.0
                                    11.1
                                            9.5
                                                  8.0
                                                        10.7
                                                              14.4
                                                                    19.3
                                                                           21.6
                                                                                 27.4
                 27.3
                                                              15.2
##
  2983
          27.8
                       24.6
                              19.4
                                    15.6
                                           10.6
                                                  8.9
                                                        11.7
                                                                     18.1
                                                                           23.2
                                                                                 26.1
##
  2984
          29.0
                 30.3
                       25.2
                             19.0
                                    12.8
                                            9.4
                                                  7.9
                                                        11.7
                                                              11.9
                                                                    17.7
                                                                           25.0
                                                                                  25.7
                       23.4
                                                              16.3
## 2985
          27.9
                26.7
                             18.9
                                    13.2
                                          10.8
                                                  7.6
                                                        10.7
                                                                    15.8
                                                                           21.2
                                                                                 25.5
                                                       10.9
## 2986
          28.6
                27.2
                       25.7
                             19.3
                                    11.1
                                            7.8
                                                 11.0
                                                              13.4
                                                                    17.5
                                                                           25.2
                                                                                  29.3
          31.4 29.2 27.6 20.2
## 2987
                                    14.4
                                            9.6
                                                 10.8 13.8
                                                             13.5
                                                                   20.7
                                                                           22.2
                                                                                 26.6
```

```
## 2988
          28.3
               29.9
                       24.0
                             18.6 14.9
                                            9.8
                                                 10.2 14.0 16.5
                                                                    17.5
                                                                           24.3
                                                                                 26.2
## 2989
          28.8
                30.5
                       25.6
                             19.9
                                    11.4
                                            4.3
                                                  6.3
                                                        11.8
                                                              11.9
                                                                    20.7
                                                                           23.7
                                                                                 26.1
                                                                           22.8
## 2990
          29.1
                 27.9
                       23.7
                              17.4
                                    15.4
                                          10.6
                                                  9.4
                                                         8.3
                                                              13.0
                                                                    20.6
                                                                                 26.5
  2991
                 28.7
                             19.2
                                                  7.5
##
          28.4
                       26.5
                                    11.7
                                            9.0
                                                         8.6
                                                              13.6
                                                                    19.1
                                                                           24.2
                                                                                 26.0
  2992
          28.2
                 28.6
                       24.1
                              19.9
                                    15.4
                                            8.9
                                                  9.1
                                                         8.2
                                                              16.9
                                                                    18.6
                                                                           23.6
                                                                                 26.1
## 2993
          27.9
                 26.8
                       25.8
                             23.0
                                    14.8
                                            9.4
                                                 10.6
                                                        12.1
                                                              14.5
                                                                    18.3
                                                                           22.7
                                                                                 28.0
          29.0
                 30.0
                       28.5
                             19.7
                                    15.9
                                            9.3
                                                 12.8
                                                         9.3
                                                              16.2
                                                                    21.6
  2994
                                                                           24.1
          29.6
                       25.1
                 30.2
                             19.5
                                    14.3
                                                        10.4
## 2995
                                          10.7
                                                  8.2
                                                              17.9
                                                                    17.4
                                                                           23.9
                                                                                 27.4
##
   2996
          27.4
                 30.2
                       26.9
                              20.9
                                    14.8
                                           11.0
                                                  7.5
                                                        11.6
                                                              15.3
                                                                    18.2
                                                                           22.9
                                                                                 27.3
                       23.6
          29.0
                 28.1
                                            9.0
                                                                           22.8
                                                                                 27.5
##
   2997
                             18.3
                                    12.7
                                                  8.8
                                                        12.4
                                                              14.4
                                                                    17.9
                 27.5
   2998
          28.8
                       24.4
                              17.3
                                    14.5
                                            7.2
                                                  6.6
                                                         6.1
                                                              12.6
                                                                    19.5
                                                                           25.2
                                                                                 29.3
                       27.6
   2999
          28.8
                 31.0
                              19.9
                                    13.8
                                            8.9
                                                  7.0
                                                        10.3
                                                              15.7
                                                                    21.5
                                                                           23.0
                                                                                 29.7
##
##
   3000
          31.2
                 33.1
                       25.9
                              19.7
                                    14.9
                                            9.3
                                                 12.0
                                                        13.1
                                                              19.6
                                                                    20.7
                                                                           24.8
                                                                                 28.0
   3001
          28.9
                 28.7
                       25.3
                              18.6
                                    13.7
                                           11.5
                                                              13.0
                                                                    17.7
##
                                                  9.7
                                                        10.7
                                                                           22.3
                                                                                 27.4
   3002
          27.8
                 29.5
                       27.7
                              19.8
                                    11.6
                                            8.4
                                                  6.4
                                                         8.8
                                                              12.6
                                                                    18.1
                                                                           22.2
                                                                                 26.8
##
##
   3003
          26.9
                 28.3
                       26.4
                              20.5
                                    11.4
                                           10.3
                                                  7.1
                                                         7.2
                                                              13.9
                                                                    19.9
                                                                           23.2
                                                                                 27.2
   3004
          29.7
                 29.1
                       26.9
                              21.2
                                    15.6
                                           13.4
                                                  8.6
                                                              17.1
                                                                    19.8
                                                                           22.7
                                                                                 27.6
##
                                                        12.8
##
   3005
          29.4
                 28.2
                       26.7
                              21.9
                                    16.3
                                           11.4
                                                 12.7
                                                        15.7
                                                              17.7
                                                                    20.6
                                                                           21.9
                                                                                 26.1
          28.2
                                                                           25.6
  3006
                 26.7
                       24.8
                             20.0
                                    15.7
                                            9.4
                                                  6.2
                                                        12.3
                                                              16.7
                                                                    16.6
                                                                                 28.5
##
##
  3007
          29.6
                 28.6
                       25.8
                             19.6
                                    11.0
                                            9.8
                                                  8.8
                                                        11.6
                                                              13.3
                                                                    18.3
                                                                           24.3
                                                                                 26.1
                30.0
                              19.1
                                    12.2
##
  3008
          28.2
                       28.7
                                          10.9
                                                 10.7
                                                        10.3
                                                              18.1
                                                                    18.5
                                                                           22.7
                                                                                 27.2
  3009
          28.7
                 28.4
                       25.3
                             19.0
                                    16.0
                                           10.1
                                                  9.4
                                                         7.1
                                                              16.3
                                                                    18.3
                                                                           22.7
          28.6
                29.3
                       26.0
                             22.3
                                    13.6
                                           16.7
                                                  8.7
                                                               0.8
                                                                     7.9
                                                                           10.4
                                                                                 16.0
## 3010
                                                         1.7
          23.2
                 25.8
                       23.4
                             19.9
                                    12.6
                                            9.0
                                                  0.3
                                                        -0.9
                                                              -4.2
                                                                      8.3
                                                                           10.7
## 3011
                                                                                 15.4
                       23.1
                                                  4.5
                                                                                  9.7
          22.7
                 22.7
                             19.6
                                            4.0
                                                        -4.3
                                                              17.2
                                                                           20.0
## 3012
                                    15.1
                                                                    12.5
                                                 23.9
                                                        23.9
  3013
           3.3
                  3.2
                        3.5
                             13.1
                                    17.3
                                          22.7
                                                              19.6
                                                                    15.9
                                                                            6.1
                                                                                   9.6
## 3014
           1.2
                  7.7
                       23.0
                               5.5
                                     5.1
                                          15.0
                                                 18.5
                                                        23.0
                                                              24.2
                                                                    24.6
                                                                           21.1
                                                                                 17.6
                        3.8
                               9.8
                                    23.5
                                          11.8
                                                 22.8
                                                        27.2
                                                              16.6
##
   3015
           8.8
                 12.3
                                                                    13.7
                                                                           16.7
                                                                                 23.4
                                                              26.0
##
  3016
          27.1
                 27.2
                       15.9
                             21.4
                                    13.5
                                          10.5
                                                 19.0
                                                        25.9
                                                                    26.5
                                                                           13.0
                                                                                 12.6
  3017
          13.2
                 19.3
                       22.2
                              25.0
                                    26.4
                                           26.3
                                                 17.5
                                                         9.3
                                                              10.6
                                                                    11.9
                                                                           17.6
                                                                                 22.1
## 3018
          25.0
                 25.5
                       25.9
                              23.8
                                    20.0
                                           12.3
                                                 15.1
                                                         9.1
                                                              -5.4
                                                                    -7.3
                                                                            3.3
                                                                                 10.5
##
   3019
          18.6
                 20.3
                       20.6
                              14.5
                                    11.0
                                            2.1
                                                 -4.6
                                                        -9.1
                                                              -2.4
                                                                      6.2
                                                                           10.2
                                                                                 16.7
                                                 -5.0
                                                        -5.8
##
   3020
          20.4
                 18.7
                       12.4
                               7.3
                                     2.5
                                          -2.7
                                                              -3.7
                                                                    15.6
                                                                           17.9
                                                                                 20.7
                                                                           20.0
## 3021
                 12.2
                       10.0
                               5.2
                                    -4.2
                                          -9.2
                                                 -3.7
                                                        -0.6
                                                              10.8
                                                                    19.3
          19.0
                                                                                 18.6
                                           -7.3
## 3022
          13.5
                  5.8
                       -1.8
                             -9.3 -12.3
                                                  1.7
                                                        16.2
                                                              16.9
                                                                    21.6
                                                                           17.3
                                                                                 14.8
## 3023
           7.7
                  2.4
                       -5.5 -10.0
                                    -2.0
                                          10.4
                                                 18.7
                                                        19.7
                                                              15.1
                                                                    19.3
                                                                           22.1
                                                                                 14.6
## 3024
          -3.9
                 -8.7
                       -3.5
                             12.7
                                    21.3
                                           18.4
                                                  8.8
                                                        -0.5
                                                              -2.7
                                                                    -5.3
                                                                            0.0
                                                                                 11.4
## 3025
          19.5
                 18.5
                       14.6
                               3.7
                                    -3.3
                                           -8.2
                                                 -3.8
                                                         0.4
                                                              16.0
                                                                    20.1
                                                                           20.5
                                                                                 -3.3
##
  3026
          -4.8
                -2.0
                       13.1
                             16.9
                                    14.2
                                           -5.7
                                                 -8.7
                                                        12.5
                                                              21.3
                                                                    20.4
                                                                           12.1
                                                                                  7.2
                       -1.0
                                                 16.4
##
  3027
          -3.3 -12.0
                             13.2
                                    19.1
                                          18.2
                                                         4.3
                                                              -0.7
                                                                    -4.6
                                                                           -7.2
                                                                                  0.9
   3028
                 20.7
                       21.7
                              22.2
                                    13.8
                                          10.0
                                                 -1.5
                                                        -6.4
                                                              -8.6
          12.9
                                                                    19.3
                                                                           14.7
                                                                                   8.2
##
  3029
          -3.7
                 -7.7
                       -5.3
                             -2.2
                                    18.8
                                          19.4
                                                 16.6
                                                         8.1
                                                               0.4
                                                                    -1.9
                                                                           -4.1
                                                                                 -1.1
                  7.4
                       15.8
                             17.4
                                    19.5
##
   3030
          -0.2
                                          19.5
                                                 15.9
                                                         9.4
                                                              -1.7
                                                                    -8.1
                                                                           -3.2
                                                                                 -1.5
           7.2
                 13.5
                       18.5
                             21.2
                                    17.4
                                                         4.4
                                                              -3.1
                                                                    -7.8
                                                                           -3.8
##
   3031
                                          13.9
                                                  7.3
                                                                                   3.5
                       17.2
                             18.3
                                    18.3
                                                              -8.8
   3032
           5.3
                 13.4
                                           14.4
                                                  9.9
                                                         2.3
                                                                    -5.0
                                                                           -6.6
                                                                                 -2.3
                       17.6
                                                                    -3.0
                                                                           -3.4
## 3033
           8.0
                 13.9
                             19.6
                                    19.6
                                           13.2
                                                  8.2
                                                         5.8
                                                              -0.2
                                                                                 -3.6
                       18.2
##
  3034
           5.5
                 10.0
                              21.9
                                    18.5
                                           16.4
                                                  5.4
                                                         0.3
                                                              -4.0
                                                                    -9.9 -10.9
                                                                                 -2.0
  3035
                       16.0
                             18.8
                                    19.5
                                           14.2
                                                  7.5
                                                         2.9
                                                              -2.3 -10.9
                                                                           -7.0
                                                                                  0.2
##
           4.6
                11.4
           6.9
##
  3036
                 11.7
                       16.9
                              18.4
                                    16.7
                                           16.4
                                                  8.8
                                                         2.5
                                                              -4.8
                                                                    -8.7
                                                                           -4.6
                                                                                 -3.9
                       20.3
##
  3037
           7.6
                 20.6
                              16.7
                                     9.5
                                          -4.8
                                                 -1.7
                                                        -6.1
                                                              -0.3
                                                                    17.7
                                                                           13.2
                                                                                  6.4
##
  3038
          -0.3
                 -4.9
                       -9.6
                               4.8
                                    19.1
                                          16.2
                                                 11.9
                                                        18.0
                                                              20.2
                                                                    15.0
                                                                            7.4
                                                                                 -6.4
                                                               2.9
## 3039
          -5.4
                  5.9
                       17.2
                             14.6
                                     4.3
                                           -4.8
                                                 -5.8
                                                        -5.6
                                                                     9.0
                                                                           14.3
                                                                                 17.8
                                                              -3.5
## 3040
          21.3
                21.1
                       13.5
                               9.1
                                     3.0
                                          -5.5
                                                 -9.5
                                                       -6.7
                                                                     5.3
                                                                           13.7
                                                                                 17.5
## 3041
          22.5 19.5 14.4
                               9.2
                                     4.4
                                          -1.1
                                                 -4.2
                                                       -2.8
                                                               7.3
                                                                      6.8
                                                                           15.1
                                                                                 19.1
```

```
## 3042
          22.3 19.1 14.1
                              9.4
                                    2.2 - 1.2 - 5.2 - 6.7 - 2.9
                                                                    3.4 13.7
                                                                                17.7
## 3043
          20.5
                17.8
                       14.1
                              8.8
                                    0.7
                                          -7.4 -11.0 -11.8
                                                             -7.0
                                                                         12.5
                                                                                18.2
                                                                    5.1
                                          -2.7
## 3044
          17.3
                18.3
                       14.3
                              8.1
                                   -0.9
                                                -8.9 - 13.7
                                                             -2.3
                                                                    5.6
                                                                         14.3
                                                                                17.0
  3045
                              8.7
                                                      -4.0
##
          20.1
                19.0
                       17.4
                                     4.9
                                           1.8
                                                -5.3
                                                              1.6
                                                                    4.4
                                                                         13.5
                                                                                17.7
   3046
          21.1
                21.5
                       17.0
                             10.3
                                    5.4
                                          -3.9
                                                -4.3
                                                      -1.8
                                                             -1.6
                                                                    8.6
                                                                         11.9
                                                                                18.6
  3047
          20.3
               18.0
                      16.3
                             11.1
                                    1.1
                                          -6.5
                                                -6.5
                                                      -4.7
                                                             -1.7
                                                                    1.3
                                                                         16.2
                                                                                18.4
##
                      16.3
                              7.4
                                          -2.2
                                                -9.9
                                                      -7.2
                                                             -3.8
                                                                    5.6
  3048
          21.4 21.0
                                   -1.0
                                                                         11.0
               17.8
                      16.0
                              6.7
                                   -1.5
                                          -2.2
                                                -3.0
                                                      -5.7
                                                              0.9
## 3049
          21.1
                                                                    4.3
                                                                         11.1
                                                                                18.5
                                          -2.2
##
   3050
          22.4 19.8
                      13.9
                              6.2
                                     5.1
                                                -4.3
                                                      -9.1
                                                              1.9
                                                                    7.3
                                                                         11.8
                                                                                19.5
                       15.3
                             12.8
                                    2.4
                                          -1.5
                                                -9.4
                                                      20.1
                                                             25.4
##
   3051
          20.1
                21.4
                                                                   26.6
                                                                         14.6
                                                                                 7.8
   3052
          22.2
                 1.8
                        2.6
                             17.9
                                   19.9
                                          29.2
                                                27.8
                                                      21.3
                                                              5.9
                                                                    6.4
                                                                           8.3
                                                                                23.6
  3053
          26.2
                29.9
                       22.8
                             14.9
                                    8.9
                                           5.7
                                                20.0
                                                        0.5
                                                             15.5
                                                                   20.4
                                                                          24.9
                                                                                 7.7
##
##
   3054
          16.9
                26.6
                       15.0
                             19.8
                                   25.0
                                          25.8
                                                 4.7
                                                      20.5
                                                             27.0
                                                                   22.1
                                                                          13.8
                                                                                 9.7
   3055
          14.5
                25.2
                       25.8
                             17.2
                                   11.7
                                           7.3
                                                             25.1
                                                                          21.2
##
                                                11.1
                                                      12.0
                                                                   26.3
                                                                                15.2
##
   3056
           8.5
                 9.0
                       13.9
                             25.2
                                   27.3
                                          24.1
                                                18.7
                                                        5.0
                                                              7.7
                                                                   13.7
                                                                           5.7
                                                                                14.0
##
   3057
          26.5
                24.5
                       22.8
                             18.6
                                   13.4
                                           8.3
                                                 8.9
                                                      11.6
                                                             27.2
                                                                   13.2
                                                                          10.4
                                                                                 7.6
   3058
          12.4
                20.6
                        9.3
                              7.5
                                   20.9
                                          28.7
                                                12.2
                                                      10.9
                                                             16.9
                                                                   21.1
                                                                          26.6
##
                                                                                26.3
##
   3059
          22.8
                16.0
                      10.2
                              8.6
                                   17.4
                                          21.6
                                                25.8
                                                      26.4
                                                             23.0
                                                                   17.2
                                                                           7.1
                                                                                 4.7
  3060
          23.0
               27.2
                       27.3
                             27.1
                                   11.3
                                           4.5
                                                10.8
                                                      18.9
                                                             22.1
                                                                   27.2
                                                                          23.5
##
                                                                                16.3
##
  3061
          13.4 18.2
                       24.4
                             28.3
                                   25.7
                                          23.4
                                                17.9
                                                      10.8
                                                             10.5
                                                                   10.5
                                                                           8.3
                                                                                17.4
                                   23.1
                                                11.3
##
  3062
          20.8
               25.5
                       26.3
                             25.5
                                          18.2
                                                      18.5
                                                             23.1
                                                                   26.6
                                                                         26.0
                                                                                23.5
   3063
          18.8
                10.3
                        6.2
                              5.1
                                   27.5
                                          28.2
                                                26.4
                                                      24.4
                                                             14.6
                                                                    8.6
                                                                          21.6
                                                22.3
  3064
          28.6
                27.8
                      13.0
                             11.0
                                   13.4
                                          19.6
                                                      26.9
                                                             25.9
                                                                   23.4
                                                                         18.8
##
                                                                                14.6
                23.9
                       27.3
                             27.0
                                   27.1
                                          26.5
                                                19.4
                                                      11.9
                                                              8.6
                                                                   12.1
##
   3065
          16.8
                                                                         18.7
                                                                                26.4
          28.7
                                                                   19.6
                25.4
                      11.9
                             18.3
                                   21.2
                                          25.3
                                                28.4
                                                      26.3
                                                             22.9
##
   3066
                                                                         15.0
                                                                                 7.6
   3067
           7.9
                -6.1
                        9.9
                             18.8
                                    3.2
                                          -9.3
                                                18.5
                                                        9.8
                                                             -7.9
                                                                    7.0
                                                                          18.6
                                                                                15.2
##
  3068
           2.3 -7.3
                        2.8
                             15.2
                                   -4.3
                                           6.9
                                                13.7
                                                        2.9
                                                             19.6
                                                                   14.5
                                                                          16.2
                                                                                -1.3
   3069
          -8.0 -13.0
                        9.6
                             12.2
                                   -4.8
                                           2.2
                                                 7.7
                                                      16.7
                                                             16.2
##
                                                                   15.7
                                                                          -8.0
                                                                                 0.2
                            14.2
                                                             18.9
##
  3070
          10.3 19.2
                      17.8
                                   -1.8
                                          -8.6
                                                 2.5
                                                      13.1
                                                                   18.1
                                                                         -4.9
                                                                                 2.3
##
  3071
           9.0
                20.3
                       19.1
                              3.8
                                   -1.8
                                          -3.3
                                                -8.0
                                                        4.2
                                                             10.4
                                                                   16.3
                                                                         19.2
                                                                                20.9
                                          -2.1
## 3072
          16.4
                12.6
                        3.6
                             -2.1
                                   -9.0
                                                -0.8
                                                      12.6
                                                             22.0
                                                                   11.6
                                                                           0.4
                                                                                14.7
##
   3073
          19.8
               24.0
                       15.3
                              7.6
                                   -9.6
                                          16.3
                                                21.3
                                                      17.3
                                                              1.9
                                                                    8.1
                                                                         19.7
                                                                                20.5
          16.9
                -4.7
                                                             -7.1
                                                                                22.5
##
   3074
                        7.1
                             14.3
                                   19.1
                                          19.9
                                                17.1
                                                        5.9
                                                                   -4.7
                                                                          10.8
          15.6
  3075
                 3.4
                       -8.7
                             14.0
                                   19.8
                                          24.7
                                                15.3
                                                              5.0
                                                                   -1.6
                                                                         21.9
                                                                                25.2
##
                                                      11.5
                                                             21.5
                                                                   21.2
##
  3076
          20.6 14.9
                        8.5
                              2.8
                                   -6.4
                                          -6.4
                                                14.4
                                                      19.0
                                                                         17.0
                                                                                10.0
##
  3077
         -12.1 -11.4
                        6.3
                            14.4
                                   15.6
                                          -1.3
                                                -7.1 -11.5
                                                              8.2
                                                                   15.4
                                                                         19.2
                                                                                21.4
## 3078
          20.2 19.0
                       10.7
                              5.8
                                   -6.1
                                          -3.2
                                                14.7
                                                      20.1
                                                             22.6
                                                                   22.2
                                                                          18.5
          -4.8
                -0.3
## 3079
                        9.8
                            13.1
                                   20.6
                                          19.1
                                                17.9
                                                      12.3
                                                              2.5
                                                                   -5.8
                                                                         -5.3
                                                                                 2.6
   3080
          17.5
                20.4
                       22.4
                             21.5
                                   17.3
                                           8.9
                                                -0.5
                                                      -9.0
                                                             -7.6
                                                                    7.1
                                                                         12.4
                                                                                18.5
##
               20.9
                                   -2.7
                                          -4.9
                                                             21.3
##
  3081
          24.2
                       18.9
                              0.1
                                                 6.5
                                                      14.2
                                                                   24.2
                                                                         21.8
                                                                                16.3
   3082
           7.6
                  6.3
                       -1.7
                             -4.2
                                   -9.0
                                           9.5
                                                14.9
                                                      23.3
                                                             23.1
                                                                   23.8
                                                                         19.2
                                                                   17.8
##
  3083
           4.3
                 0.2
                      -9.7
                             11.3
                                   12.3
                                         13.0
                                                15.0
                                                      16.5
                                                             18.5
                                                                         19.3
                                                                                20.1
                        9.3
                             10.6
                                   13.8
                                          12.4
                                                20.0
                                                      17.7
                                                             18.5
                                                                   20.2
##
   3084
          11.5
                10.9
                                                                         18.1
                                                                                17.6
  3085
                        9.3
                              9.8
                                   10.6
                                                15.2
                                                             20.8
##
          14.4
               11.0
                                         14.2
                                                      18.7
                                                                   19.1
                                                                         19.7
                                                                                16.8
                      12.8
                              8.9
                                          12.7
                                                16.0
   3086
          11.9
                11.5
                                   11.8
                                                      18.8
                                                             23.0
                                                                   20.4
                                                                          20.6
                                                                                17.5
                       10.2
                                                15.9
                                                      17.5
                                                                   21.1
## 3087
          12.2
                11.0
                              9.3
                                   15.8
                                          15.9
                                                             19.4
                                                                          20.4
                                                                                15.3
##
   3088
          10.6
                10.7
                        7.0
                             12.8
                                   12.4
                                          14.0
                                                16.2
                                                      17.7
                                                             19.6
                                                                   21.9
                                                                          16.4
                                                                                12.4
  3089
          10.9
               11.6
                        9.2
                             16.8
                                   17.8
                                          19.7
                                                19.9
                                                                                10.1
##
                                                      19.3
                                                             15.7
                                                                   11.9
                                                                           8.5
##
  3090
          13.2 16.4
                      18.9
                             21.2
                                   18.6
                                          15.1
                                                12.9
                                                       7.9
                                                             12.5
                                                                   16.4
                                                                          20.0
                                                                                21.4
                              8.7
                                                             21.7
##
  3091
          18.6
               17.0
                      14.3
                                    9.8
                                          13.7
                                                15.5
                                                      21.1
                                                                   15.9
                                                                          12.6
                                                                                10.7
                             19.1
##
  3092
          10.6
               11.8
                      14.0
                                   19.7
                                          18.9
                                                20.4
                                                      17.5
                                                             13.1
                                                                   11.8
                                                                          10.5
                                                                                10.5
                            17.9
## 3093
          11.4 13.7
                      13.8
                                   18.8
                                         18.5
                                                21.5
                                                      16.8
                                                             11.6
                                                                    9.3
                                                                           9.0
                                                                                10.5
## 3094
          11.5 14.1 15.7
                             19.2
                                   20.5
                                          18.1
                                                19.9
                                                      17.8
                                                            14.2
                                                                  10.5
                                                                           8.5
                                                                                10.2
                                          18.0 20.5
## 3095
          12.9 16.1 17.0 17.9
                                   21.7
                                                     15.1 12.8
                                                                    6.8
                                                                         11.9
                                                                                12.0
```

```
14.1 14.4 18.7 20.6 22.6 20.7 21.0 18.9 14.0 13.6 10.2 14.3
## 3096
## 3097
          15.7
               14.1
                     15.7
                           21.9 19.1
                                        23.1 22.8
                                                    20.6
                                                         11.8
                                                                 9.8
                                                                      11.7
                                                                            12.1
          14.1
                     16.5 21.1 21.7
                                       17.7
## 3098
               16.0
                                              18.4
                                                   17.2 12.5
                                                                10.4
                                                                       8.0
## 3099
          13.9 14.1 16.7
                           20.4
                                 18.8
                                        18.8
                                              20.8
                                                    17.0
                                                          12.9
                                                                10.5
                                                                      11.7
                                                                            11.6
## 3100
          12.6 13.6 15.1
                           17.4
                                 22.3
                                        20.5
                                              17.5
                                                    17.1
                                                          12.4
                                                                11.7
                                                                      10.0
## 3101
          13.9 15.1 14.7
                           20.7
                                 21.2 21.2
                                              20.3
                                                    16.4
                                                         12.0
                                                                11.8
                                                                      10.4
                                                                            11.4
          12.4 14.5 18.4
                           20.7
                                  21.1
                                        23.7
                                              21.9
                                                    19.8
                                                          11.1
                                                                 8.8
## 3102
                                                                       9.7
                                                                             4.4
          4.4 11.8 14.2
                           18.4
                                 23.7
                                        24.9
                                              24.5
                                                    22.9
                                                          16.7
                                                                 4.0
                                                                             4.7
## 3103
                                                                       8.0
## 3104
          11.9
               16.3
                     19.9
                            22.1
                                  25.7
                                        24.5
                                              20.4
                                                    15.8
                                                          11.0
                                                                 4.9
                                                                       6.5
                                                                            16.0
          24.6
               26.8
                     21.4
                            18.4
                                 13.3
                                         6.5
                                               4.0
                                                          14.5
                                                                17.4
                                                                      19.2
                                                                            23.3
## 3105
                                                    11.2
## 3106
          26.3
               24.2 13.0
                             7.1
                                   3.9
                                        -1.9
                                               5.6
                                                    13.0
                                                          17.4
                                                                20.7
                                                                      24.6
                                                    15.7
                                                          18.7
                                                                23.9
## 3107
          23.4
               14.7
                     11.8
                             5.3
                                   1.1
                                         1.5
                                               8.6
                                                                      24.9
                                                                            25.1
## 3108
          22.2 14.4
                     11.9
                             6.0
                                   2.4
                                         1.3
                                              11.3
                                                    15.6
                                                          18.8
                                                                21.5
                                                                      24.1
                                                                            24.7
          20.6
               15.0
                     11.9
                             6.0
                                   4.8
                                         3.2
                                               8.2
                                                    15.5
                                                          20.0
                                                                23.2
                                                                      26.7
                                                                            26.6
## 3109
## 3110
          23.0
               14.0
                       8.9
                             5.5
                                   1.7
                                         5.9
                                               8.6
                                                    18.1
                                                          19.9
                                                                26.8
                                                                      27.0
                                                                            25.5
## 3111
          21.9
               15.1
                      11.7
                             1.8
                                   7.3
                                        11.3
                                              15.1
                                                    22.7
                                                          24.0
                                                                26.2
                                                                      25.1
                                                                            16.4
## 3112
          11.8
                 9.3
                       4.5
                           11.3
                                 13.8
                                        18.4
                                              22.7
                                                    26.3
                                                          26.2
                                                                21.4
                                                                      15.0
                                                                             9.8
## 3113
           2.7
                 2.4
                       7.6
                             8.4
                                 12.9
                                        19.0
                                              24.5
                                                    24.0
                                                          24.9
                                                                20.4
                                                                      19.9
                                                                             9.7
## 3114
          11.0
                 6.4
                     13.3
                           18.7
                                 21.2
                                         7.3
                                               6.4
                                                     6.6
                                                           7.8
                                                                15.9
                                                                      18.9
                                                                            22.6
## 3115
          26.0 25.5
                      20.3
                           14.4 12.1
                                         6.4
                                               3.3
                                                     7.7
                                                          12.6
                                                                13.9
                                                                      21.2
                                                                            24.7
## 3116
          24.8
              24.4
                     19.8
                           16.1
                                   8.6
                                         1.3
                                               4.4
                                                     7.6
                                                           8.1
                                                                15.9
                                                                      19.1
                                                                            24.1
## 3117
          23.9
               25.2
                     19.6
                           14.4
                                 12.8
                                         8.1
                                               5.6
                                                     6.2
                                                           9.8
                                                                17.2
                                                                      19.0
                      22.3
                           15.5
                                               2.9
                                                          11.2 14.8
## 3118
          26.6
               25.5
                                  9.0
                                         4.7
                                                     5.0
                                                                      18.5
                                                                            22.6
## 3119
          25.0
               25.7
                      20.8
                           14.9
                                 12.8
                                         4.5
                                               3.3
                                                     4.5
                                                          11.1
                                                                15.5
                                                                      22.3
                                                                            24.1
## 3120
          26.3 24.3
                     21.7
                           16.9
                                 12.1
                                         5.8
                                               6.5
                                                     7.4
                                                           9.3
                                                                            23.9
                                                                15.3
                                                                      18.1
                                                    19.9
## 3121
          26.7
               24.0
                     17.3
                           11.9
                                   9.1
                                         6.9
                                              11.8
                                                          24.5
                                                                26.6
                                                                      26.5
                                                                            21.2
## 3122
          15.5
               11.1
                      7.5
                             6.4
                                 15.3
                                        20.7
                                              24.9
                                                    24.7
                                                          28.5
                                                                18.7
                                                                       9.3
                                                                             8.4
                20.5
                      26.4
                            26.0
                                 25.9
                                        22.6
                                              15.5
                                                     9.3
                                                           5.7
                                                                 7.7
## 3123
          15.9
                                                                      15.9
                                                                            20.7
          25.6
               25.3
                      25.7
                           15.5
                                        17.5
                                              27.3
                                                    27.9
                                                          27.6
                                                                24.4
## 3124
                                  4.1
                                                                      17.2
                                                                            11.2
                                              26.9
## 3125
           2.8
                 3.9
                       9.0
                           12.1
                                 17.9
                                        21.5
                                                    28.3
                                                          27.8
                                                                22.7
                                                                      15.4
                                                                            12.0
                           17.2
                                                    27.9
## 3126
           9.4
                 7.7
                       9.2
                                  17.6
                                        22.5
                                              23.9
                                                          25.2
                                                                22.5
                                                                      16.4
                                                                            10.3
## 3127
           9.6
                 8.9
                       7.7
                             8.6
                                 16.0
                                        19.3
                                              24.8
                                                    25.6
                                                          24.7
                                                                22.5
                                                                      17.0
                                                                             9.2
           8.3
                 2.2
                       8.0
                                 16.5
                                              25.5
                                                          25.3
                                                                      16.9
## 3128
                           10.0
                                        21.2
                                                    25.7
                                                                23.2
                                                                             8.8
## 3129
           8.4
                 6.7
                      18.4 27.5
                                 26.1
                                        23.2
                                              17.1
                                                    14.2
                                                           6.2
                                                                27.4
                                                                      28.7
                                                                            27.5
                     10.7
## 3130
          26.1
               14.3
                           13.4
                                 21.6
                                        25.6
                                              22.6
                                                    17.9
                                                          11.8
                                                                 4.0
                                                                      12.3
                                                                            14.7
## 3131
          22.0
               25.3
                      24.6 24.8 17.8
                                         8.8
                                               6.8
                                                    10.7
                                                          11.4
                                                                17.4
                                                                      23.6
                                                                            24.7
                     26.4 19.6 10.2
## 3132
          27.3 26.8
                                         9.5
                                               8.6
                                                     9.1
                                                          14.7
                                                                15.9
                                                                      19.3
## 3133
          27.7
               26.4
                      22.3 18.4 14.0
                                         6.9
                                               6.4
                                                     7.8
                                                          13.5
                                                                15.8
                                                                      20.1
                                                                            24.4
## 3134
          26.1
               26.5
                      22.4
                           18.4
                                 10.2
                                        11.8
                                               5.6
                                                    -2.5
                                                          -2.9
                                                                -8.6
                                                                       3.4
                                                                             8.4
          18.9 21.8 17.5
                                  6.6
                                         3.5
## 3135
                           14.3
                                              -2.0
                                                    -3.5
                                                          19.8
                                                                 7.3
                                                                      -7.6
                                                                             0.3
## 3136
          15.5 -12.2
                     -9.1
                           12.2 -11.1
                                        -7.2
                                               7.5
                                                    24.6
                                                          11.9
                                                                 3.7
                                                                      -2.3
          -2.0
## 3137
                9.8 17.6
                           25.0 15.8
                                        2.3
                                              -4.5
                                                    19.8
                                                           0.4
                                                                 7.4
                                                                      -7.6 -11.2
               -3.7
                      15.6
                            20.4
                                  5.6
                                       -1.8
                                              22.4
                                                    17.8
                                                          17.2
## 3138
          -8.4
                                                                -2.2
                                                                      19.7
                                                                            -6.4
## 3139
          7.2 14.2
                      22.2
                           24.1
                                 21.3
                                       15.3
                                               3.8
                                                    -3.8
                                                          -5.8 -12.1
                                                                       8.0
                                                                            14.7
               22.4
                      22.1
                           17.7
                                 12.0
                                         2.3
                                              -3.8 -11.7
                                                          -2.9
                                                                 2.9
## 3140
          23.4
                                                                      15.3
               -2.3
                       8.0
                            21.4
                                 21.7
                                        23.4
                                              19.0
                                                     3.1
                                                          -5.7
                                                                      22.5
## 3141
          8.8
                                                                13.6
                                                                            20.7
                 4.0 -10.5
                                        19.9
                                              17.0
                                                          -7.4
## 3142
          11.3
                            15.2
                                  20.1
                                                     8.5
                                                                -4.2
                                                                      16.5
                                                                            23.8
## 3143
          23.7
               17.6 11.6
                             4.2
                                  -6.7
                                         9.0
                                              15.3
                                                    21.3
                                                          25.7
                                                                21.6
                                                                      15.5
                                                                            11.4
## 3144
          -2.1
                9.7
                     18.2 22.3
                                 22.0
                                       16.1 10.1
                                                     3.1
                                                          -3.6
                                                                -3.9
                                                                       7.9
                                                                            16.6
          19.8 22.3 21.6
                           18.3
                                        2.4 - 10.3
                                                          16.3
                                                                21.5
                                                                      20.4
## 3145
                                 11.1
                                                     9.1
                                                                            22.0
## 3146
          16.5
               10.8
                      0.7
                            -5.5 -10.1
                                        10.2
                                             15.0
                                                    20.7
                                                          22.2
                                                                19.8
                                                                      12.0
                                                                             6.2
               15.6 21.9 23.5
                                 23.7
                                        20.5
                                                          -2.0
                                                                 2.9
## 3147
           8.9
                                              13.9
                                                     7.4
                                                                      12.1
                                                                            15.0
## 3148
          21.5 22.8 19.9
                           18.7
                                  13.2
                                        3.4 - 3.4
                                                    19.3
                                                          21.3 22.9
                                                                      22.8
                                                                            19.4
           9.7 -6.9 -3.9
                                        20.8 20.9
## 3149
                            9.2 14.6
                                                   19.8
                                                          9.6
                                                                 0.6
                                                                     -1.8 -2.7
```

```
## 3150
           8.1 14.7
                      22.1 23.8 21.9
                                        16.8
                                                9.0
                                                      6.7 - 1.2 - 3.4 - 9.5
                                                                              10.1
## 3151
          15.0
               22.8
                      22.4
                            23.1
                                  19.5
                                         13.9
                                                3.0
                                                      1.9
                                                           -8.4
                                                                  18.4
                                                                         2.9
                                                                              -8.2
                            20.1
## 3152
           7.9 13.9
                      18.7
                                  -4.7
                                         10.9
                                               -5.6
                                                     -3.1
                                                             7.5
                                                                  20.2
                                                                       10.7
                                                                               6.4
## 3153
                            16.7
                                          7.9
          -1.0
                 8.3
                      17.1
                                  19.7
                                               14.5
                                                     19.2
                                                           15.4
                                                                  -6.6 -11.1
                                                                               8.7
## 3154
          -3.2
                -1.4
                      15.1
                             7.0
                                  -1.7
                                          1.7
                                               19.7
                                                     17.7
                                                            8.2
                                                                  23.2
                                                                        21.2
                                                                              -0.6
## 3155
           6.7
               13.7
                      20.8
                           23.8
                                  21.4
                                         15.9
                                               -0.3
                                                     -2.5
                                                           -6.0
                                                                   9.3
                                                                       14.2
                                                                              21.3
                22.7
                      17.7
                            13.8
                                    3.3
                                               -6.9
                                                     17.8
                                                           22.1
                                                                  16.5
## 3156
          21.7
                                          1.7
                                                                        19.0
                                                                  25.2
          26.2 21.0
                       6.9
                             6.7
                                    7.3
                                               20.2
                                                     23.6 25.1
                                                                        21.8
## 3157
                                         16.8
                                                                              18.4
                                                     -7.1 -11.5
## 3158
          10.8 12.1
                       5.8
                            -2.9
                                  -9.2
                                         24.9
                                                2.0
                                                                  20.5
                                                                        21.7
                                                                              20.8
                                                     -8.1
                           11.5
                                         15.6 -16.4
## 3159
          11.3
                 0.7
                       5.8
                                  21.3
                                                             5.4
                                                                 12.3
                                                                        16.8
                                                                              17.2
                -8.5
## 3160
           4.7
                       9.2
                            13.7
                                  17.2
                                         20.9
                                                7.7
                                                      0.2
                                                           -8.2
                                                                   4.9
                                                                        11.8
                                                                              17.5
                            -7.3
                                               22.3
## 3161
          22.0
                 9.2
                       1.6
                                  -4.3
                                        14.3
                                                     18.2
                                                            5.4
                                                                  16.9
                                                                        19.0
                                                                               7.2
## 3162
          -1.9 - 15.0
                       2.5
                            18.8
                                  18.7
                                          7.0 - 10.2
                                                     12.6
                                                           20.4
                                                                  18.4
                                                                        17.2
                                                                               7.9
           3.0
               -9.6
                      -6.7
                             5.4
                                        17.9 20.5
                                                     19.7
                                                           15.7
                                                                   9.4
## 3163
                                  13.0
                                                                        -3.3
                                                                               6.5
## 3164
          11.2 17.8
                      19.5 15.9
                                    8.8
                                         -1.4 -10.2 -10.6
                                                           16.3
                                                                  19.0
                                                                        20.3
                                                                              19.1
## 3165
          15.2
                 5.3
                      -4.0 -11.9 -11.1
                                          4.9
                                               17.0
                                                     17.7
                                                            15.5
                                                                  -2.8
                                                                        -6.9
                                                                              -8.5
           4.3
                12.0
                      21.3
                            19.4 12.9
                                          4.0
                                                1.8
                                                     -5.8
                                                           -7.2
                                                                  19.1
                                                                        18.5
                                                                              21.0
## 3166
## 3167
          25.1
                24.9
                      28.2
                            28.3
                                  27.6
                                         28.2
                                               26.7
                                                     21.5
                                                           23.5
                                                                  21.0
                                                                        19.2
                                                                              23.2
          23.8
## 3168
               25.9
                      27.5
                            27.4
                                  28.1
                                         26.9
                                               26.6
                                                     23.8
                                                           23.8
                                                                 19.4
                                                                        21.7
                                                                              23.5
## 3169
          23.1
               25.8
                      26.8
                            26.9
                                  28.8
                                         28.6
                                               25.6
                                                     20.1
                                                           22.0
                                                                  17.8
                                                                        18.7
                                                                              22.6
## 3170
          24.3
               27.0
                      27.5
                            29.4
                                  29.7
                                         28.9
                                               27.0
                                                     22.8
                                                           22.9
                                                                  16.6
                                                                        18.1
                                                                              19.8
## 3171
          24.6
               27.2
                      29.0
                            29.3
                                  29.0
                                         27.4
                                               25.2
                                                     23.2
                                                           16.4
                                                                  19.4
                                                                        20.5
                                               25.9
## 3172
          25.1
               27.1
                      27.5
                            28.1
                                  27.8
                                         28.8
                                                     24.0
                                                           22.9
                                                                  20.3
                                                                        21.4
                                                                              24.0
          23.0
                26.6
                      27.2
                            28.6
                                   28.8
                                         28.2
                                               25.4
                                                     21.9
                                                           22.2
                                                                  21.7
                                                                        21.1
                                                                              20.0
## 3173
          24.6
               25.0
                      27.5
                            28.0
                                  28.1
                                         28.2
                                               25.8
                                                     24.2
                                                           23.9
                                                                  19.9
                                                                        23.4
                                                                              23.2
## 3174
                                   29.4
## 3175
          25.3
                27.0
                      27.2
                            28.8
                                         27.6
                                               26.6
                                                     22.6
                                                           21.8
                                                                  20.8
                                                                        19.3
## 3176
          25.9
                26.3
                      27.5
                            28.9
                                   29.0
                                         28.0
                                               26.6
                                                     25.0
                                                           24.8
                                                                  18.8
                                                                        19.1
                                                                              24.1
          24.7
                26.3
                      27.7
                            29.2
                                  28.5
                                               26.0
                                                           24.5
## 3177
                                         28.1
                                                     23.4
                                                                  22.4
                                                                        22.4
                                                                              22.6
                      28.3
                            29.6
                                  29.5
                                         29.2
                                                     23.2
                                                           22.0
## 3178
          25.2
                27.7
                                               27.0
                                                                  18.6
                                                                        23.0
                                                                              21.4
## 3179
          24.5
                25.8
                      27.4
                            28.4
                                   28.4
                                         28.0
                                               27.1
                                                     24.3
                                                           22.0
                                                                  19.4
                                                                        23.8
                                                                              23.2
## 3180
          25.4
               27.2
                      29.3
                            29.5
                                   28.1
                                         29.6
                                               28.6
                                                     24.4
                                                           23.1
                                                                  21.9
                                                                        21.9
                                                                              25.1
## 3181
          26.1
               26.3
                      28.5
                            28.0
                                  29.6
                                         28.8
                                               27.9
                                                     25.2
                                                           20.8
                                                                  19.9
                                                                        -6.3
                                                                               7.2
## 3182
          11.4
               19.9
                      14.7
                             6.6
                                   1.5 - 12.1
                                               -6.9
                                                      7.2
                                                           11.1
                                                                  16.6
                                                                        13.2
                                                                               6.1
## 3183
          -6.4
                -4.0
                       8.2
                            18.7
                                  15.4
                                          7.0
                                                1.7
                                                     -8.8
                                                           -8.0
                                                                   5.0
                                                                        14.7
                                                                              17.3
## 3184
          20.9
                 8.7
                       4.0
                            -6.2
                                  -3.9
                                          7.0
                                               14.4
                                                     17.6
                                                           19.7
                                                                  13.7
                                                                        10.1
                                                                               0.1
## 3185
          -7.7
                -5.5
                       5.6
                           13.6 21.2 13.9
                                                8.5
                                                     -0.1
                                                           -8.5
                                                                   5.7
                                                                        13.0
                                                                              17.8
## 3186
          19.5
               17.8
                      14.0
                            10.0 -10.8 -14.3
                                                5.2
                                                     15.8
                                                           16.8
                                                                  19.9
                                                                        20.0
                                                                              17.0
## 3187
           7.2
                 4.3
                      -3.9
                             4.6 13.7
                                        17.7
                                               20.5
                                                     20.4
                                                           16.0
                                                                   8.0
                                                                        -4.2
                                                                               7.1
## 3188
          11.9 17.4
                      19.4
                            17.8
                                  16.4
                                         12.1
                                                0.9
                                                     -8.3
                                                           -8.1
                                                                  -3.3
                                                                         3.4
                                                                              14.7
                                                     -9.5
          16.0 21.4 20.6
                                         -0.7
                                               -5.0
                                                           -7.1
## 3189
                            16.0
                                   7.2
                                                                   4.6
                                                                        16.8
                                                                              21.2
## 3190
          18.6 14.0 -1.3
                            -5.1
                                  -5.3
                                          4.6
                                               11.6
                                                     17.2
                                                           21.0
                                                                  19.1
                                                                        15.0
## 3191
           2.9 -2.7 -6.9
                            -7.4
                                   5.5
                                        12.0
                                               18.5
                                                     17.6
                                                           19.9
                                                                  14.7
                                                                        10.0
                                                                               0.5
          -3.2 -11.7 -13.1
                            -6.2
                                    4.3
                                         10.5
                                               15.3
                                                           18.5
## 3192
                                                     18.4
                                                                  15.6
                                                                         7.1
                                                                              -0.9
          -9.6 -11.2 -12.7
                            -6.0
                                    5.4
                                         10.4
                                                           18.9
                                                                              -0.8
## 3193
                                               17.1
                                                     19.1
                                                                  11.3
                                                                         7.2
         -10.4 -16.9 -10.8
                            -8.1
                                          7.6
                                               14.7
## 3194
                                  -1.5
                                                     16.6
                                                           14.5
                                                                  12.5
                                                                         7.5
                                                                              -5.0
         -12.9 -14.9 -10.5
                            -7.7
                                               14.2
                                                           15.2
## 3195
                                    2.9
                                         11.7
                                                     18.3
                                                                  10.7
                                                                         5.6
                                                                              -5.8
## 3196
         -11.7 -13.6 -6.9
                            -5.9
                                    7.0
                                         10.8
                                               16.1
                                                     19.2
                                                           17.0
                                                                  13.6
                                                                         3.8
                                                                              -0.8
         -7.8 -11.3 -11.7
                            -3.6
                                                                        10.3
                                                                               0.9
## 3197
                                    1.7
                                         10.2
                                               15.8
                                                     18.6
                                                           19.5
                                                                  12.9
## 3198
         -9.1 -15.6 -4.5
                            -6.5
                                    2.7
                                          6.9
                                               16.6
                                                     18.7
                                                           17.5
                                                                  12.0
                                                                         5.6
                                                                               0.2
          -6.9 -12.2 -12.1
                                                           20.1
## 3199
                            -8.6
                                    7.7
                                         11.9
                                               16.8
                                                     20.9
                                                                  12.7
                                                                         7.4
                                                                              -6.1
## 3200
         -13.1 -10.8 -11.6
                            -6.9
                                    1.1
                                          9.0
                                               16.7
                                                     16.7
                                                           16.9
                                                                  10.5
                                                                         9.8
                                                                              -2.1
## 3201
          -9.1 -17.1 -11.5
                           -5.4
                                    4.1
                                          9.8
                                               14.2
                                                     19.3
                                                           18.1
                                                                  11.6
                                                                         6.3
                                                                              -2.1
                                                     17.5
## 3202
         -7.9 -8.9 -11.9 -2.7
                                    5.2
                                        10.3
                                               13.1
                                                           17.7
                                                                  13.2
                                                                         7.4
                                                                              -1.5
## 3203 -14.3 -16.6 -12.4 -3.6
                                    3.3
                                        10.5 16.2 19.6 18.7 12.8
                                                                         4.2
                                                                              -7.3
```

```
## 3204
         -4.6 -11.9 -10.2 -8.1
                                   3.8 10.3 14.8 18.9 18.2 13.1
                                                                       7.3
                                                                           -0.3
## 3205
        -10.9 -13.4 -6.8 -1.4
                                   1.8
                                        9.9
                                              16.3
                                                   18.4 19.8
                                                                12.6
                                                                       7.6
                                                                            -1.6
        -10.6 -15.9 -13.6 -4.3
                                              13.8
## 3206
                                   1.2
                                       10.0
                                                   16.0
                                                         16.6
                                                                11.1
                                                                       7.3
                                                                             1.0
## 3207
         -9.7 -17.3 -13.8 -2.5
                                   5.0
                                        9.8
                                             16.3
                                                    19.4 17.2
                                                                14.4
                                                                      13.3
                                                                             2.1
## 3208
        -14.2 -8.4 -8.7
                           -6.8
                                   3.7
                                        12.4
                                              14.7
                                                    19.1
                                                          15.1
                                                                11.3
                                                                       6.9
                                                                            -1.0
## 3209
        -11.3 -14.9 -14.4
                           -9.0
                                       11.1
                                             14.4
                                                   16.6
                                                         16.2
                                                                 8.9
                                                                       5.0
                                                                            -2.3
                                   3.3
         -6.1 -18.5 -10.9 -2.7
                                              16.2
                                                    20.0
                                                                12.7
## 3210
                                   1.5
                                         8.5
                                                         16.4
                                                                       6.2
                                                                            -3.8
        -10.3 -11.6 -15.7 -4.0
                                         7.6
                                             14.6
                                                   17.8
                                                                            -3.0
## 3211
                                   2.8
                                                         16.5
                                                                13.3
                                                                       5.8
## 3212
         -8.7 -12.7 -12.6
                             0.0
                                   4.7
                                         9.1
                                              14.1
                                                    17.9
                                                          16.5
                                                                13.7
                                                                       7.9
                                                                            -1.7
        -11.2 -13.6 -9.8
                           -5.9
## 3213
                                   4.8
                                       10.3
                                              12.1
                                                    17.8
                                                          20.3
                                                                13.7
                                                                       4.8
                                                                            -1.7
## 3214
         -8.1 -16.4 -13.1
                           -6.1
                                   3.7
                                         8.1
                                              16.0
                                                    20.4
                                                          18.9
                                                                13.1
                                                                       6.9
                                                                            -2.3
## 3215
        -10.7 -17.4 -10.8
                           -5.7
                                         8.9
                                              16.5
                                                    16.7
                                                          16.9
                                                                14.1
                                                                       8.7
                                                                            -2.7
                                   3.5
## 3216
         -9.7 -17.7 -14.2
                           -7.8
                                   0.7
                                        11.9
                                              14.7
                                                    16.2
                                                          16.6
                                                                10.0
                                                                       3.8
                                                                            -3.4
        -13.8 -11.3 -10.2 -0.1
                                              15.1
                                                    18.2
## 3217
                                   3.6
                                         8.8
                                                          18.6
                                                                12.0
                                                                       9.0
                                                                            -2.3
## 3218
        -11.3 -14.7 -11.7
                           -6.3
                                   3.3
                                         8.1
                                              14.1
                                                    19.5
                                                          15.6
                                                                 8.8
                                                                       6.0
                                                                            -1.6
## 3219
         -6.9 -12.4 -11.1
                           -7.7
                                  -0.6
                                        11.8
                                              14.9
                                                    20.4
                                                          16.7
                                                                10.5
                                                                       8.2
                                                                            -0.4
## 3220
        -11.2 -15.2 -6.3
                           -5.6
                                   5.9
                                        10.3
                                             17.3
                                                    18.9
                                                          18.3
                                                                12.9
                                                                       2.8
                                                                            -5.5
## 3221
        -15.3 -17.9 -8.2
                           -0.3
                                   6.9
                                       14.1
                                              15.6
                                                    18.8
                                                          14.8
                                                                11.8
                                                                       6.8
                                                                            -2.2
## 3222
        -10.7 -14.9 -11.9
                           -3.6
                                       12.7
                                              15.7
                                                    18.2
                                                         17.6
                                                                14.2
                                                                       7.2
                                                                           -3.3
                                   3.5
## 3223
        -12.2 -17.4 -14.7
                           -5.0
                                   1.4
                                        8.7
                                              15.4
                                                    18.9
                                                          16.7
                                                                13.8
                                                                       6.1
                                                                            -1.3
## 3224
         -5.4 -12.9 -11.8 -6.8
                                   5.2
                                       12.7
                                              15.3
                                                    19.8
                                                          17.6
                                                                11.6
                                                                       3.8
                                                                            -1.1
## 3225
        -11.3 -11.2 -8.6
                           -2.1
                                   4.0
                                       10.1
                                              14.8
                                                    18.6
                                                          17.9
                                                                11.6
                                                                       4.7
                                                                             1.5
## 3226
         -9.4 -19.6 -11.9
                           -5.5
                                   2.1
                                        11.6
                                              12.5
                                                    18.0
                                                          16.0
                                                                12.0
                                                                       7.3
                                                                            -4.3
                                                                            -0.2
         -6.7 - 10.4 - 6.1
                           -4.7
                                         8.2
                                              15.6
                                                    20.9
                                                          20.9
## 3227
                                   1.7
                                                                13.7
                                                                       7.2
## 3228
        -16.8 -13.8 -5.0
                           -7.3
                                                   19.2 19.8
                                                                            -2.0
                                   5.8
                                       10.3
                                             16.3
                                                                11.1
                                                                       7.6
## 3229
        -11.2 -14.2 -11.3
                           -0.9
                                   5.6
                                       12.7
                                             13.6
                                                    18.1
                                                          15.4
                                                                11.2
                                                                       5.9
                                                                            -6.7
                           -1.8
## 3230
        -16.1 -11.3 -11.4
                                   5.6
                                       11.0
                                             15.0
                                                    18.2
                                                          16.1
                                                                11.7
                                                                       6.1
                                                                            -4.4
         -7.2 -9.4 -4.4
                             0.0
                                        11.7
## 3231
                                   7.8
                                              17.3
                                                    19.8
                                                          17.5
                                                                14.0
                                                                       4.1
                                                                             0.0
## 3232
         -6.4 -15.1 -14.3 -4.2
                                   4.5
                                       13.4
                                              17.1
                                                    21.1
                                                          18.1
                                                                13.0
                                                                       3.7
                                                                            -1.7
## 3233
        -10.3 -9.8 -15.9
                           -7.3
                                   2.7
                                        10.9
                                              14.7
                                                    20.3
                                                          18.2
                                                                13.3
                                                                       6.9
                                                                            -4.9
        -15.5 -7.4 -9.5
                           -2.7
## 3234
                                   4.6
                                         9.1
                                              16.4
                                                    18.1
                                                          17.8
                                                                13.4
                                                                       5.6
                                                                            -0.3
## 3235
        -10.8 -14.5 -7.0
                           -3.3
                                   5.9
                                        12.6
                                              16.5
                                                    17.7
                                                          19.1
                                                                11.7
                                                                       4.7
                                                                            -5.6
         -8.9 -8.5 -6.0
## 3236
                           -3.4
                                   2.3
                                       12.1
                                              13.5
                                                    15.2
                                                          15.8
                                                                12.1
                                                                       5.4
                                                                            -2.6
                                                                 9.7
## 3237
         -8.9 -11.2 -9.7
                           -2.7
                                   2.9
                                       10.2
                                              13.9
                                                    17.6
                                                          18.3
                                                                       4.4
                                                                            -4.2
## 3238
         -8.3 -18.9 -14.2
                           -1.9
                                   4.2
                                        12.1
                                              16.9
                                                    18.1
                                                          16.9
                                                                14.7
                                                                       8.4
                                                                             0.9
                                                                            -6.3
## 3239
         -5.9 -10.2 -11.3
                           -2.2
                                   1.5
                                       11.3
                                              18.4
                                                    19.3
                                                          19.7
                                                                12.8
                                                                       6.5
## 3240
        -11.1 -16.6 -11.6 -7.0
                                   1.1
                                         9.4
                                              15.8
                                                    17.0
                                                          18.6
                                                                13.4
                                                                       6.6
                                                                            -5.7
## 3241
        -11.2 -13.6 -9.5
                           -4.7
                                   2.0
                                        7.6
                                              16.8
                                                    17.7
                                                          16.1
                                                                14.1
                                                                       6.4
                                                                            -4.2
## 3242
         -5.3 -9.1 -1.8
                           -3.6
                                   6.7
                                        13.3
                                              14.8
                                                    18.5
                                                          19.3
                                                                14.9
                                                                       7.6
                                                                             0.0
## 3243
         -7.4 -12.6 -6.0
                           -2.3
                                       11.9
                                              15.8
                                                   19.7
                                                          17.5
                                                                12.5
                                                                             2.3
                                   5.2
                                                                       5.7
## 3244
         -6.8 -12.0 -5.8
                             0.7
                                       11.6
                                             13.3
                                                    18.1
                                   3.4
                                                          18.2
                                                                12.1
                                                                       8.2
                                                                            -1.8
## 3245
        -15.3 -8.1 -13.4
                           -4.2
                                   4.3
                                       11.6
                                             16.1
                                                    18.7
                                                          19.5
                                                                13.0
                                                                       6.2
                                                                             4.2
         -5.4 -7.9 -5.9
                           -7.6
## 3246
                                   2.9
                                        8.1
                                              16.5
                                                    20.6
                                                          17.6
                                                                14.5
                                                                       2.0
                                                                            -3.6
         -6.6 -12.8 -12.6
                           -5.1
                                       10.4
                                                                            -3.0
## 3247
                                   3.2
                                              15.4
                                                    19.0
                                                          19.8
                                                                13.5
                                                                       6.8
## 3248
         -6.4 -15.5 -7.3
                           -2.1
                                         8.2
                                   4.2
                                              14.1
                                                    17.5
                                                          14.9
                                                                15.1
                                                                       7.4
                                                                             0.8
         -9.9 -13.5 -7.1
## 3249
                           -4.9
                                              16.5
                                                          18.2
                                                                       7.8
                                   6.1
                                         9.4
                                                    19.8
                                                                15.4
                                                                            -0.7
## 3250
         -8.0 -4.6 -11.2
                           -1.8
                                   7.6
                                       11.7
                                              17.2
                                                    22.2
                                                          18.9
                                                                12.4
                                                                       4.3
                                                                            -0.1
## 3251
         -4.5 -10.1 -13.3
                                       12.2
                                                                            -1.7
                           -1.5
                                   3.8
                                             17.1
                                                    19.7
                                                          18.4
                                                                14.2
                                                                       8.8
## 3252
        -10.4 -12.2 -12.1
                           -5.4
                                   3.2
                                        9.2
                                             15.6
                                                    18.0
                                                          18.0
                                                                13.4
                                                                       7.0
                                                                           -1.8
        -13.9 -15.9 -9.3
                           -4.1
## 3253
                                   4.3
                                       10.1
                                              14.9
                                                    16.7
                                                          16.8
                                                                16.7
                                                                       3.9
                                                                             3.3
## 3254
        -10.8 -11.5 -9.1
                             2.8
                                   7.8
                                       12.1
                                             15.5
                                                    20.3
                                                          20.1
                                                                       8.3
                                                                11.1
                                                                            -0.8
## 3255
        -10.6 - 13.7 - 9.6 - 4.4
                                   4.0
                                        9.8
                                             14.3
                                                    19.7
                                                          19.4 12.9
                                                                       9.2
                                                                             0.7
                            4.0
## 3256
         -5.6 -7.7 -4.6
                                   5.8 12.8 17.9
                                                    22.1 19.0 13.4
                                                                       5.8
                                                                           -0.5
         -7.5 -11.0 -9.6 -5.6
## 3257
                                   1.4
                                        9.8 16.4 19.9 20.5 15.5
                                                                       7.2
                                                                            -2.2
```

```
## 3258
         -15.1 -16.8 -14.7 -7.5
                                     1.8 11.1 15.7 19.0 18.2
                                                                   14.1
                                                                            7.1
                                                                                  -5.6
                                                                                   2.5
          -5.7 -10.2 -14.6
                             -0.9
                                          11.0
                                                 16.6
                                                        20.8
                                                              18.5
                                                                     16.4
                                                                            8.0
## 3259
                                     5.7
## 3260
          -2.8 -9.8 -7.4
                             -0.2
                                     2.8
                                          11.8
                                                 16.2
                                                        19.6
                                                              19.6
                                                                     15.4
                                                                            8.8
                                                                                   4.7
## 3261
          -8.6 -8.6 -5.1
                              -3.2
                                     5.4
                                           10.0
                                                 16.3
                                                        18.6
                                                              16.4
                                                                     14.6
                                                                            7.9
                                                                                  -3.2
## 3262
         -11.3 -11.5 -11.5
                              -2.7
                                     0.8
                                          14.7
                                                 16.4
                                                        20.8
                                                              19.6
                                                                     15.0
                                                                            5.2
                                                                                  -4.5
## 3263
          -5.2 -13.5 -11.8
                             -3.9
                                     4.6
                                            9.6
                                                 16.5
                                                        21.7
                                                              19.0
                                                                     15.3
                                                                            7.0
                                                                                  -3.1
                -8.7
                       -9.7
                              -1.4
                                     2.9
                                          10.9
                                                 17.9
                                                        21.1
## 3264
          -8.0
                                                              19.4
                                                                     12.6
                                                                            3.3
          -6.7 -7.7 -13.7
                               0.7
                                          12.0
                                                 19.2
                                                        20.1
## 3265
                                     5.0
                                                              20.3
                                                                     15.7
                                                                           10.4
                                                                                  -0.5
##
   3266
          -7.1 -14.8
                       18.5
                              21.6
                                    25.9
                                          27.9
                                                 26.1
                                                        22.5
                                                              18.3
                                                                     13.5
                                                                            9.7
                                                                                  11.1
                23.6
                       28.3
                              28.5
                                    28.9
                                                               6.7
##
  3267
          18.0
                                          22.2
                                                 16.2
                                                         9.4
                                                                      7.0
                                                                           11.2
                                                                                  13.2
   3268
          16.7
                 22.8
                       27.9
                              26.9
                                    26.9
                                          24.4
                                                 17.1
                                                        11.9
                                                               5.9
                                                                      6.4
                                                                            9.8
                                                                                  17.2
                                                                      7.5
## 3269
          18.5
                 20.5
                       25.8
                              26.4
                                    26.7
                                          25.0
                                                 16.4
                                                        13.2
                                                               4.3
                                                                           20.7
                                                                                  12.7
##
  3270
           5.0
                  5.8
                        9.5
                              12.1
                                    17.4
                                          23.2
                                                 25.7
                                                        27.2
                                                              27.3
                                                                     24.0
                                                                           19.0
                                                                                  10.0
           8.9
                  6.6
                        5.9
                               6.9
                                           20.6
                                                 26.0
                                                        28.0
                                                              26.8
                                                                     24.3
## 3271
                                    18.7
                                                                           18.7
                                                                                  11.3
## 3272
           5.3
                  3.7
                       11.1
                              14.7
                                    15.5
                                          20.6
                                                 23.7
                                                        25.6
                                                              25.7
                                                                     23.5
                                                                           16.4
                                                                                  12.1
## 3273
           8.0
                  5.2
                       12.6
                              10.6
                                    16.5
                                          25.1
                                                 25.7
                                                        27.9
                                                              27.5
                                                                     23.1
                                                                           18.7
                                                                                  10.3
           5.3
                        4.8
                             15.0
                                    18.6
                                          21.9
                                                 25.7
                                                        25.8
                                                              26.1
                                                                     22.3
## 3274
                  2.8
                                                                           18.8
                                                                                  12.6
## 3275
           2.8
                  6.3
                        6.5
                              13.0
                                    19.1
                                          22.2
                                                 26.4
                                                        25.7
                                                              25.8
                                                                     24.0
                                                                           15.3
           8.6
                                                                           16.3
## 3276
                        7.1
                               9.2
                                    19.4
                                          23.4
                                                 24.8
                                                        26.0
                                                              25.8
                                                                     23.8
                  7.9
                                                                                 13.8
## 3277
           8.2
                  3.6
                        8.3
                              12.4
                                    17.6
                                          20.7
                                                 23.9
                                                        27.9
                                                              25.2
                                                                     22.4
                                                                           15.2
                                                                                  13.1
                                                                           16.6
## 3278
           7.9
                  7.7
                        6.6
                             15.7
                                    20.2
                                          21.4
                                                 25.3
                                                        24.7
                                                              23.7
                                                                     20.4
                                                                                  10.0
## 3279
           9.8
                  5.4
                        4.4
                             11.3
                                    19.0
                                          21.1
                                                 26.5
                                                        26.2
                                                              26.3
                                                                     21.7
                                                                           17.5
## 3280
           6.0
                  6.7
                        8.0
                               9.1
                                    17.8
                                          21.7
                                                 25.7
                                                        27.6
                                                              25.5
                                                                     22.1
                                                                           17.2
                                                                                  10.0
           6.3
                  3.5
                        6.4
                             10.9
                                    22.0
                                          24.7
                                                 26.6
                                                        25.9
                                                              25.3
                                                                     17.1
                                                                           10.1
## 3281
                                                                                   5.4
           6.4
                 16.3
                       25.5
                              26.5
                                    25.0
                                                               7.0
                                                                                  16.9
## 3282
                                          23.9
                                                 18.7
                                                        13.7
                                                                      8.4
                                                                           16.0
  3283
          23.9
                 23.2
                       26.0
                              24.8
                                    19.8
                                          15.3
                                                 10.8
                                                         7.7
                                                               9.1
                                                                     12.1
                                                                           16.5
##
  3284
          24.8
                 26.4
                       26.1
                              21.1
                                    17.7
                                           12.5
                                                  7.5
                                                         5.3
                                                              12.8
                                                                     14.9
                                                                           18.4
                                                                                  23.8
   3285
                 24.8
                       20.9
                                     7.2
                                            4.9
                                                  0.0
                                                         7.0
                                                                     22.4
##
          26.0
                              14.3
                                                              14.4
                                                                           26.6
                                                                                  26.8
                       15.2
                                            1.2
##
  3286
          26.9
                 24.5
                              13.0
                                     7.0
                                                  2.6
                                                        10.0
                                                              21.7
                                                                     26.3
                                                                           27.4
                                                                                  27.1
  3287
          24.1
                 15.6
                       13.9
                               7.5
                                     1.9
                                            5.8
                                                 13.1
                                                        20.6
                                                              24.4
                                                                     26.7
                                                                           25.6
                                                                                  22.2
                               7.4
## 3288
          17.2
                 10.3
                        7.5
                                     6.3
                                           10.7
                                                 22.0
                                                        26.0
                                                              29.5
                                                                     28.3
                                                                           25.8
                                                                                  15.9
##
   3289
           6.9
                  8.6
                       11.6
                              19.9
                                    26.4
                                          27.9
                                                 26.4
                                                        21.8
                                                              16.7
                                                                     12.6
                                                                            6.7
                                                                                   6.4
                       22.7
                              26.6
##
   3290
           8.2
                 15.0
                                    26.0
                                          21.5
                                                 16.1
                                                        11.9
                                                              10.9
                                                                      5.6
                                                                            7.8
                                                                                  11.4
  3291
                 23.4
                       26.9
                              27.7
                                    22.1
                                          17.7
                                                  4.7
                                                         3.7
                                                               8.8
                                                                     12.0
                                                                           21.4
##
          21.2
                                                                                  26.6
##
  3292
          26.4
                 25.9
                       22.4
                              20.6
                                    10.7
                                            5.5
                                                 14.3
                                                        21.0
                                                              25.9
                                                                     26.6
                                                                           25.8
                                                                                  22.4
## 3293
          19.3
                 15.7
                       10.2
                             13.8
                                    21.5
                                          26.8
                                                 29.4
                                                        25.9
                                                              25.6
                                                                     17.6
                                                                           14.0
                                                                                   6.5
## 3294
           5.4
                  9.2
                       12.7
                              21.9
                                    24.5
                                          27.9
                                                 28.0
                                                        24.0
                                                              14.6
                                                                     13.0
                                                                           10.0
                                                                                   4.2
## 3295
           6.7
                 12.3
                       20.9
                              25.5
                                    26.3
                                          27.2
                                                 23.6
                                                        14.4
                                                              13.3
                                                                      7.7
                                                                            9.4
                                                                                   7.3
  3296
          13.2
                20.5
                       24.2
                              25.5
                                    25.5
                                           21.8
                                                 16.4
                                                        12.1
                                                               2.7
                                                                      9.8
                                                                           14.1
                                                                                  20.8
## 3297
          26.1
                 26.2
                       27.2
                              24.8
                                    16.4
                                            9.8
                                                  6.8
                                                         9.8
                                                              14.0
                                                                     23.0
                                                                           25.8
                                                                                  27.7
  3298
          26.6
                 23.6
                       17.2
                               9.3
                                     9.3
                                            6.1
                                                 10.3
                                                        12.6
                                                              20.4
                                                                     23.7
                                                                           26.3
##
  3299
          22.2
                16.3
                       10.7
                               6.9
                                     5.5
                                          10.8
                                                 14.4
                                                        22.1
                                                              25.8
                                                                     26.1
                                                                           26.6
                                                                                  23.0
                       10.2
                                          27.7
                                                         9.3
                                                               7.0
##
   3300
          18.4
                14.4
                               7.4
                                    10.0
                                                 22.0
                                                                      8.8
                                                                           10.4
                                                                                  25.6
                       24.2
                              16.8
                                                        13.0
                                                                      9.6
##
  3301
          22.0
                10.1
                                     4.1
                                           12.3
                                                  9.2
                                                              17.7
                                                                           20.7
                                                                                  25.0
                       23.2
                                     6.8
                                            5.0
   3302
          27.5
                 25.3
                              13.3
                                                  8.8
                                                         9.1
                                                              14.4
                                                                     24.0
                                                                           23.6
                                                                                  26.1
                                     4.5
## 3303
          25.4
                 21.7
                       17.8
                              10.3
                                            4.0
                                                  3.8
                                                        12.9
                                                              23.4
                                                                     20.4
                                                                           14.3
                                                                                  10.2
##
  3304
           4.0
                  2.1
                        7.5
                              11.6
                                    21.1
                                           23.2
                                                 24.6
                                                        23.7
                                                              20.4
                                                                     15.7
                                                                           11.2
                                                                                   8.8
  3305
           3.7
                  5.6
                       10.6
                              19.0
                                    22.6
                                          26.2
                                                 25.9
                                                              14.9
##
                                                        20.2
                                                                      9.4
                                                                            3.8
                                                                                   3.7
##
   3306
           7.4
                  9.9
                       19.4
                              25.1
                                    23.6
                                          24.0
                                                 20.1
                                                        19.0
                                                               8.2
                                                                      9.7
                                                                            2.2
                                                                                   6.6
                       24.7
##
  3307
          12.4
                 19.9
                              24.0
                                    23.3
                                          20.4
                                                 17.4
                                                        14.5
                                                               3.8
                                                                      4.2
                                                                            8.8
                                                                                  11.3
##
  3308
          16.4
                 20.5
                       26.1
                              28.4
                                    24.4
                                          22.8
                                                 16.7
                                                                                  10.3
                                                        11.7
                                                               6.1
                                                                      3.9
                                                                            6.1
                       24.7
                              26.9
                                    26.5
## 3309
          14.4
                21.7
                                          21.8
                                                 12.8
                                                        11.7
                                                               7.6
                                                                      2.2
                                                                            5.6
                                                                                 10.8
                                          21.7
                                                                      7.7
## 3310
          15.2 19.6
                       24.1
                              25.8
                                    26.9
                                                 12.9
                                                        11.3
                                                               6.1
                                                                            7.4
                                                                                  11.6
## 3311
          14.8 18.0 24.2
                             25.7
                                    24.8
                                          21.3 16.4
                                                        10.4
                                                               2.7
                                                                      8.1
                                                                           10.3
                                                                                 12.6
```

```
## 3312
           15.0
                19.5
                        24.6
                               25.9
                                      25.8
                                            22.3
                                                   16.7
                                                          12.2
                                                                  8.9
                                                                         5.4
                                                                               8.0
                                                                                     11.9
## 3313
                                                                        6.7
                                                                                     10.5
           16.7
                 21.9
                        24.0
                               26.9
                                      24.8
                                            22.1
                                                   16.4
                                                           9.6
                                                                  8.6
                                                                               8.9
  3314
           15.1
##
                 17.8
                        22.2
                               26.4
                                      23.4
                                            21.5
                                                   14.2
                                                           9.8
                                                                  5.4
                                                                         6.8
                                                                               5.5
                                                                                      8.3
  3315
                               28.4
                                            22.2
##
           13.1
                 19.6
                        24.6
                                      26.0
                                                   15.7
                                                          10.2
                                                                  5.2
                                                                         2.6
                                                                               7.1
                                                                                     11.6
##
   3316
           16.6
                 18.4
                        24.8
                               25.1
                                      24.2
                                            20.7
                                                   15.3
                                                          12.1
                                                                  8.6
                                                                         5.6
                                                                               5.7
                                                                                     12.5
   3317
           16.8
                 20.9
                        23.8
                               27.8
                                     26.9
                                            21.6
                                                   16.4
                                                           8.3
                                                                  4.9
                                                                         3.8
##
                                                                               7.7
                                                                                      8.8
                        23.9
                               25.8
                                      24.5
                                                                  7.3
   3318
           14.5
                 21.0
                                            21.1
                                                   15.7
                                                           8.6
                                                                         5.9
                                                                               8.7
                                                                                     14.0
                 18.2
                        21.9
                                            22.2
                                                                         7.4
## 3319
           13.6
                               26.0
                                      24.8
                                                   15.7
                                                           8.3
                                                                  5.5
                                                                               8.4
                                                                                      9.7
##
   3320
           14.9
                 21.8
                        25.2
                               27.1
                                      25.8
                                            23.4
                                                   17.4
                                                          12.2
                                                                  8.9
                                                                         7.4
                                                                               8.5
                                                                                      9.2
                               26.6
                                      27.4
                                            22.2
                                                                  7.8
##
   3321
           17.1
                 19.7
                        23.3
                                                   16.1
                                                          13.4
                                                                         5.3
                                                                               9.1
                                                                                     13.3
##
   3322
           14.1
                 21.8
                        25.3
                               26.9
                                      26.2
                                            21.9
                                                   18.0
                                                          10.3
                                                                  2.1
                                                                         5.3
                                                                               9.0
                                                                                      9.6
   3323
           16.6
                 20.5
                        23.8
                               24.7
                                      25.9
                                            20.2
                                                   14.4
                                                          13.6
                                                                  9.0
                                                                         6.7
                                                                               7.1
##
                                                                                     11.3
##
   3324
           18.0
                 19.0
                        24.9
                               27.0
                                      25.8
                                            22.9
                                                   16.8
                                                           9.6
                                                                  5.7
                                                                         4.3
                                                                               6.5
                                                                                     12.5
   3325
                 19.5
                        22.9
                               25.1
                                      25.2
                                            21.4
                                                   15.8
##
           15.0
                                                          13.3
                                                                  5.0
                                                                         5.1
                                                                               5.3
                                                                                     12.9
##
   3326
           15.7
                 22.5
                        24.2
                               25.4
                                      23.9
                                            21.5
                                                   17.6
                                                          12.1
                                                                  6.1
                                                                         7.7
                                                                               8.0
                                                                                     10.1
##
   3327
           15.1
                 18.6
                        23.6
                               26.4
                                      26.4
                                            24.5
                                                   17.7
                                                          11.5
                                                                  5.3
                                                                         9.1
                                                                               6.8
                                                                                     11.6
   3328
           18.1
                 19.7
                        24.6
                               26.6
                                      26.5
                                            21.1
                                                   14.9
                                                                  9.1
                                                                         7.2
                                                                                     14.5
##
                                                          11.4
                                                                               6.0
##
   3329
           15.4
                 20.3
                        25.2
                               25.2
                                      29.3
                                            24.4
                                                   19.1
                                                          10.9
                                                                  9.7
                                                                         5.4
                                                                               8.7
                                                                                     11.3
           15.7
   3330
                 20.1
                        27.0
                               26.3
                                      26.0
                                            22.6
                                                   15.4
                                                           9.2
                                                                               7.7
                                                                                     11.4
##
                                                                  8.1
                                                                         5.5
##
   3331
           15.9
                 20.9
                        25.6
                               25.8
                                      26.2
                                            22.1
                                                   15.0
                                                          12.0
                                                                  4.6
                                                                         3.4
                                                                               3.9
                                                                                     10.4
                 22.0
                                                   17.4
##
   3332
           17.7
                        27.1
                               27.7
                                      26.8
                                            24.0
                                                          11.2
                                                                  2.4
                                                                         3.7
                                                                               9.1
                                                                                     11.6
   3333
           17.5
                 21.0
                        26.4
                               27.9
                                      27.4
                                            22.5
                                                   15.3
                                                          11.7
                                                                  9.2
                                                                         7.5
                                                                               8.9
##
                                                                                     16.9
                        24.2
  3334
           17.0
                 22.0
                               27.6
                                      24.8
                                            22.2
                                                   16.2
                                                          10.4
                                                                               6.6
                                                                                      8.3
##
                                                                  9.7
                                                                         8.3
   3335
                 19.1
                        24.6
                               25.2
                                      24.5
                                            22.3
                                                   16.9
                                                           9.3
                                                                  8.3
##
           16.0
                                                                         2.3
                                                                               8.1
                                                                                      9.7
           16.4
                               25.1
                 21.3
                        25.3
                                      24.8
                                            22.5
                                                                                     12.4
##
   3336
                                                   17.0
                                                           8.7
                                                                  8.8
                                                                         5.2
                                                                               3.5
   3337
           17.0
                 21.6
                        25.4
                               26.8
                                      25.3
                                            22.1
                                                   15.5
                                                          12.8
                                                                 12.7
                                                                         4.5
                                                                               6.8
                                                                                     14.5
##
   3338
           16.7
                 20.1
                        25.9
                               27.3
                                      26.0
                                            24.5
                                                   18.4
                                                          12.9
                                                                  7.5
                                                                         9.1
                                                                              12.0
                                                                                     11.9
   3339
                 20.4
                        23.5
                                      24.9
                                            21.9
##
           18.0
                               26.1
                                                   17.1
                                                          11.4
                                                                  6.9
                                                                         3.4
                                                                              11.8
                                                                                     10.1
                        25.2
                               25.2
   3340
           14.8
                 22.2
                                      24.8
                                            24.7
                                                   17.5
                                                           8.7
                                                                  7.0
                                                                         6.5
                                                                              10.2
                                                                                     10.8
##
##
   3341
           17.1
                 23.4
                        24.4
                               26.8
                                      25.8
                                            26.1
                                                   19.2
                                                           9.6
                                                                  8.4
                                                                         7.5
                                                                               8.5
                                                                                     14.1
##
   3342
           15.6
                 18.3
                        24.1
                               27.2
                                      26.1
                                            21.3
                                                   17.3
                                                          12.9
                                                                  6.2
                                                                         6.0
                                                                               6.5
                                                                                     12.8
##
   3343
           15.5
                 19.5
                        24.1
                               26.1
                                      26.1
                                            22.0
                                                   18.1
                                                           9.5
                                                                 11.1
                                                                         4.7
                                                                               6.9
                                                                                      5.0
##
   3344
            7.5
                 14.2
                        18.0
                               20.6
                                      19.3
                                            17.3
                                                   11.1
                                                           8.1
                                                                  4.1
                                                                         3.2
                                                                               6.8
                                                                                     10.1
   3345
           15.8
                 20.4
                        19.0
                               16.1
                                                    4.7
                                                           3.0
                                                                              13.5
                                                                                     15.5
##
                                      10.7
                                              6.2
                                                                  6.1
                                                                        8.3
##
   3346
           19.1
                 19.0
                        16.7
                               11.0
                                       3.1
                                              3.8
                                                    4.7
                                                           9.3
                                                                 13.2
                                                                       17.1
                                                                              22.0
                                                                                     18.5
##
   3347
           17.7
                 10.8
                         8.0
                                2.8
                                       7.3
                                              7.7
                                                    8.5
                                                           8.8
                                                                 12.2
                                                                       14.4
                                                                              18.3
                                                                                     18.1
##
   3348
           17.1
                 12.4
                         7.4
                                6.6
                                       5.3
                                              4.3
                                                    7.5
                                                           7.7
                                                                 10.8
                                                                       16.0
                                                                              18.1
                                                                                     19.6
##
   3349
           18.7
                 12.1
                         6.4
                                3.7
                                       5.5
                                              6.6
                                                    6.5
                                                          11.1
                                                                 13.4
                                                                       15.1
                                                                              18.7
                                                                                     19.9
   3350
           17.4
                 12.6
                         8.7
                                5.9
                                       2.4
                                              6.6
                                                    8.2
                                                          10.8
                                                                 14.3
                                                                       17.3
                                                                              20.1
                                                                                     20.5
##
                                              4.9
##
   3351
           18.7
                 10.9
                         7.2
                                2.2
                                       4.9
                                                    9.6
                                                          11.2
                                                                14.9
                                                                       16.4
                                                                              21.5
                                                                                     21.5
   3352
           18.7
                 15.3
                         7.5
                                7.2
                                              9.3
                                                   10.6
                                                                14.8
                                                                       20.0
                                                                              21.8
                                       6.0
                                                          10.4
   3353
           16.2
                 14.1
                         7.0
                                6.6
                                       6.1
                                              8.8
                                                    9.5
                                                          13.4
                                                                15.1
                                                                       17.5
                                                                              19.0
                                                                                     20.7
##
                                                                 14.5
##
   3354
           16.0
                 12.6
                        10.5
                                2.9
                                       1.8
                                              5.9
                                                    8.9
                                                           9.8
                                                                       17.2
                                                                              20.1
                                                                                     22.4
   3355
                         8.8
                                                          10.0
                                                                 14.2
                                                                       16.3
##
           18.3
                 11.9
                                4.1
                                       7.4
                                              5.8
                                                    7.5
                                                                              20.6
                                                                                     19.4
   3356
                         7.8
##
           16.9
                 12.3
                                6.2
                                       6.0
                                              2.8
                                                    8.0
                                                          11.0
                                                                 14.1
                                                                       17.0
                                                                              19.3
                                                                                     21.1
                         6.7
                                       7.3
                                                    7.1
   3357
           16.2
                 10.0
                                5.5
                                              5.7
                                                          10.9
                                                                 13.9
                                                                       16.1
                                                                              19.6
                                                                                     20.9
##
##
   3358
           18.3
                 12.1
                         7.1
                                6.3
                                       6.7
                                            -0.9
                                                    4.8
                                                          18.2
                                                                 18.8
                                                                        9.8
                                                                               5.1
                                                                                      4.4
   3359
                        22.5
                                5.2
                                       3.3
                                                                  2.4
                                                                       23.4
                                                                                     23.5
##
           14.6
                 20.1
                                             18.6
                                                   22.9
                                                           6.1
                                                                              22.7
##
   3360
           -2.5
                 13.7
                        18.8
                               24.7
                                       3.6
                                            23.9
                                                   20.8
                                                           9.2
                                                                  5.3
                                                                        7.6
                                                                              23.6
                                                                                     21.6
                        23.1
##
   3361
           18.4
                   8.0
                               14.1
                                       2.1
                                            14.2
                                                   21.1
                                                          22.9
                                                                  4.5
                                                                        4.4
                                                                              10.8
                                                                                     16.1
   3362
           22.3
                 24.5
                        22.7
                               19.5
                                       9.0
                                             2.9
                                                    1.9
                                                           1.0
                                                                 11.7
                                                                       16.6
                                                                              22.5
                                                                                     23.7
##
##
   3363
           23.7
                 19.6
                        16.5
                                6.5
                                       9.6
                                             0.2
                                                    4.3
                                                          -3.1
                                                                 15.0 - 14.5
                                                                              13.9
                                                                                      7.6
##
  3364
          -13.6
                  7.8
                        13.6
                               -8.9
                                      13.8
                                            21.0
                                                   20.3
                                                          10.2
                                                                -7.6
                                                                       -2.7
                                                                               7.7
                                                                                     12.0
## 3365
           20.5 17.4 16.7
                              -6.1
                                       5.2
                                            12.9
                                                   19.4
                                                          19.9
                                                                13.6
                                                                      -6.4 -11.8
                                                                                      7.2
```

```
20.2 15.8 11.4
                                                 0.7 -5.1 -12.8 14.7
## 3366
          13.1 21.0
                       20.6
                                                                                 9.0
## 3367
          22.8
               26.5
                       26.0
                             23.3
                                   21.6
                                         13.0
                                                14.6
                                                       7.1 11.3
                                                                   16.1
                                                                         25.1
                                                                                 9.8
                23.9
                             26.7
                                          21.0
## 3368
           9.9
                       28.9
                                   26.2
                                                19.1
                                                      12.6
                                                            10.0
                                                                   10.9
                                                                         15.1
                                                                                23.2
                                   12.6
                                          7.3
                                                10.6
                                                      15.3
                                                             21.7
## 3369
          27.3
                24.3
                       16.3
                             15.5
                                                                   25.1
                                                                         17.5
  3370
          10.7
                14.3
                       25.8
                             23.9
                                   19.4
                                          15.0
                                                 6.9
                                                      16.9
                                                             25.3
                                                                   20.6
                                                                          15.1
## 3371
          11.3
                13.3
                       24.5
                             19.7
                                   13.0
                                         12.7
                                                 9.9
                                                      13.0
                                                             21.4
                                                                   27.3
                                                                         25.8
                                                                                18.4
                       25.4
                             14.7
                                     9.2
                                           8.7
                                                13.8
                                                      16.5
                                                             22.1
                                                                    7.3
  3372
          14.0
                27.6
                                                                         14.1
                22.7
                       24.6
                             25.7
                                   25.7
                                          23.8
                                                18.4
                                                      17.4
                                                             13.5
                                                                   11.5
## 3373
          18.7
                                                                         11.4
                                                                                22.1
##
   3374
          23.3
                26.4
                       27.9
                             25.6
                                   25.2
                                          22.0
                                                13.7
                                                        9.8
                                                              7.7
                                                                   11.6
                                                                         17.2
                                                                                19.2
                24.9
                       27.2
                             27.4
                                   24.6
                                          20.2
                                                16.4
##
  3375
          24.1
                                                        8.7
                                                              9.3
                                                                    9.8
                                                                         16.1
                                                                                17.8
   3376
          24.0
                27.6
                       25.0
                             21.4
                                   16.2
                                          10.2
                                                12.4
                                                      12.4
                                                             13.7
                                                                   16.9
                                                                          21.8
                       25.9
                             27.8
                                                      26.6
  3377
          19.4
                13.8
                                   24.8
                                          13.2
                                                18.6
                                                             26.7
                                                                   24.6
                                                                         12.7
                                                                                26.1
##
##
   3378
          24.6
                 7.3
                      18.9
                             24.4
                                   28.0
                                          28.5
                                                28.8
                                                      26.1
                                                             20.5
                                                                   14.5
                                                                           6.6
                                                                                 7.4
   3379
                16.4
                       20.8
                             23.7
                                          28.7
                                                29.3
                                                      25.0
                                                             18.4
                                                                   15.8
##
          13.1
                                   28.7
                                                                          13.5
                                                                                12.0
##
   3380
          14.2
                19.8
                       20.4
                             24.5
                                   25.5
                                          27.9
                                                27.1
                                                      25.3
                                                             20.8
                                                                   13.4
                                                                          13.4
                                                                                14.0
##
   3381
          12.2
                11.7
                       18.4
                             21.2
                                   26.7
                                          26.8
                                                27.6
                                                      25.4
                                                             19.9
                                                                   14.5
                                                                          13.6
                                                                                 7.6
   3382
          12.3
               13.3
                       18.8
                             23.2
                                   26.7
                                          27.7
                                                27.8
                                                      25.1
                                                             20.0
                                                                   11.9
                                                                          12.5
                                                                                 9.4
##
##
   3383
           8.6
                16.4
                       20.7
                             23.2
                                   26.2
                                          27.5
                                                26.7
                                                      24.2
                                                             19.7
                                                                   17.6
                                                                         16.7
                                                                                 8.9
                                                             20.1
  3384
               17.4
                      18.8
                             22.6
                                   26.6
                                          28.4
                                                27.0
                                                      25.2
                                                                   15.0
                                                                         13.4
##
          11.6
                                                                                13.6
##
  3385
          15.5
               15.9
                       20.8
                             23.6
                                   25.7
                                          27.3
                                                27.2
                                                      24.7
                                                             21.1
                                                                   15.2
                                                                          11.6
                                                                                 8.0
                14.4
                                                                   14.4
##
  3386
          17.1
                      18.3
                             23.9
                                   27.1
                                          27.2
                                                27.1
                                                      26.8
                                                             22.1
                                                                         12.3
                                                                                11.4
   3387
          16.3
                15.8
                      19.9
                             25.9
                                   27.3
                                          28.4
                                                28.0
                                                      26.5
                                                             22.2
                                                                   13.2
                                                                          13.1
          13.1
               19.0
## 3388
                      19.1
                             22.2
                                   25.9
                                          28.3
                                                28.0
                                                      25.5
                                                             22.7
                                                                   18.0
                                                                                10.8
                                                                           9.5
   3389
          11.8 16.7
                      17.7
                             21.8
                                   26.3
                                          26.8
                                                27.4
                                                      24.5
                                                             20.6
                                                                   12.6
##
                                                                         14.7
                                                                                 9.3
          11.4 -12.4
                                                             -6.1
                        6.0
                             11.6
                                    3.0
                                           9.3 - 10.9
                                                        8.8
                                                                   -3.1
##
  3390
                                                                           7.1
                                                                                15.4
                                          -0.4
                                                10.2
   3391
          22.9
               22.7
                      18.4
                              6.7
                                   -4.9
                                                      13.9
                                                             19.4
                                                                    2.4
                                                                           6.6
                                                                                24.0
##
  3392
          21.9
                -1.9
                      -4.0
                             -9.2
                                    9.5
                                          14.7
                                                22.5
                                                      22.2
                                                             22.2
                                                                   17.2
                                                                          13.3
                                                                                 2.6
   3393
                -9.5
                        1.8
                             -1.0
                                           9.8
                                                13.7
                                                      19.9
                                                             24.3
                                                                   20.6
##
          -1.7
                                     3.1
                                                                          16.0
                                                                                10.7
                       -1.0
                                           7.4
                                                             21.9
##
   3394
           8.3
                 4.9
                             -4.6
                                     2.2
                                                15.4
                                                      19.4
                                                                   21.4
                                                                         18.9
                                                                                14.4
##
   3395
           4.4
                -1.3
                       -1.1
                             -0.7
                                     2.0
                                           9.5
                                                12.8
                                                      20.0
                                                             22.9
                                                                   19.4
                                                                         17.5
                                                                                 9.6
##
  3396
           4.7
                 0.3
                       -5.6
                             -0.9
                                     2.2
                                           9.8
                                                14.8
                                                      16.9
                                                             20.3
                                                                   22.1
                                                                          15.5
                                                                                 9.9
##
   3397
           8.2
                -1.2
                       -2.5
                             -0.5
                                    5.7
                                          11.1
                                                16.4
                                                      20.6
                                                             24.3
                                                                   21.9
                                                                         18.6
                                                                                11.3
                       -4.2
                             -2.1
##
   3398
           5.2
                -1.4
                                     2.5
                                           9.9
                                                15.0
                                                      19.2
                                                             24.0
                                                                   21.7
                                                                         19.1
                                                                                12.2
                                          11.0
  3399
           9.0
                 3.1
                       -0.3
                              2.3
                                     6.9
                                                15.7
                                                      18.2
                                                             23.4
                                                                   23.3
                                                                         17.7
##
                                                                                13.2
##
  3400
           4.5
                 2.5
                       -0.6
                             -0.8
                                    2.1
                                           9.1
                                                14.9
                                                      19.6
                                                             24.5
                                                                   20.9
                                                                         16.6
                                                                                12.3
## 3401
           4.4
                -0.7
                       -3.9
                             -3.1
                                   -1.0
                                           8.7
                                                14.7
                                                      19.4
                                                             22.6
                                                                   20.0
                                                                         17.1
                                                                                12.6
## 3402
           4.5
                 2.1
                       -3.2
                             -8.6
                                     0.5
                                           8.8
                                                16.8
                                                      18.1
                                                             23.0
                                                                   22.2
                                                                         18.7
## 3403
           7.4
                 7.1
                       -0.8
                              0.9
                                    5.6
                                           8.3
                                                14.7
                                                      19.5
                                                             23.5
                                                                   23.3
                                                                         19.6
                                                                                12.9
## 3404
           7.7
                  1.9
                        1.4
                              2.1
                                     1.2
                                          11.5
                                                13.3
                                                      20.3
                                                             22.2
                                                                   20.9
                                                                         19.4
                                                                                15.7
                                                             24.6
## 3405
           6.7
                -0.8
                      -1.8
                              3.8
                                    2.6
                                           8.1
                                                17.7
                                                      20.1
                                                                   25.0
                                                                         20.3
                                                                                11.8
  3406
                  3.0
                      -0.7
                              0.6
                                          10.7
                                                14.5
                                                      19.0
                                                             24.0
                                                                   23.1
                                                                         17.8
           6.2
                                    1.7
## 3407
           4.6
                 0.0
                        2.6
                              2.8
                                    5.1
                                           7.8
                                                14.8
                                                      20.9
                                                             24.4
                                                                   22.9
                                                                         17.8
                                                                                12.1
                      -0.2
                             -0.5
                                    4.3
                                          10.0
                                                      22.2
                                                             21.7
##
  3408
           8.8
                 2.6
                                                15.3
                                                                   23.8
                                                                          19.6
                                                                                14.4
## 3409
           5.9
                      -2.5
                             -2.2
                                   -6.7
                  4.0
                                          13.1
                                                17.3
                                                      21.3
                                                             18.7
                                                                   13.0
                                                                           5.8
                                                                                 3.9
                      15.8
                             11.4
                                           6.9
## 3410
          19.1
                19.5
                                   -8.2
                                                 9.6
                                                      17.0
                                                             14.5
                                                                    7.2
                                                                           1.0
                                                                                -6.3
           4.8
                             15.2
                                   -6.4
                                                20.7
                                                              2.5
## 3411
                16.2
                      17.5
                                           8.8
                                                        8.2
                                                                    4.0
                                                                          12.3
                                                                                 8.7
                                   21.8
                                         19.2
                                                             -7.1
## 3412
           3.3
                -3.7
                        5.5
                             14.3
                                                 7.3
                                                        1.5
                                                                    2.5
                                                                          13.5
                                                                                20.0
## 3413
           8.1
                  3.2
                      11.9
                              7.3 -10.0 -15.1
                                                      -5.0
                                                              3.7
                                                                   13.6
                                                                                21.2
                                                20.0
                                                                         17.8
## 3414
          17.3
                10.3
                      -1.8
                             17.3
                                   16.1
                                           0.0
                                                20.8
                                                        6.3 - 10.2
                                                                    9.5
                                                                         20.2
                                                                                17.7
                       21.5
                             19.2
                                    5.2
                                                -3.3
                                                      -7.1
                                                              7.0
                                                                                20.5
## 3415
          -5.9
                10.5
                                          -1.6
                                                                   12.6
                                                                          20.7
## 3416
          21.8
                16.4
                      12.8
                              2.0
                                   -1.6
                                          -9.3
                                                21.6
                                                      17.6
                                                             14.2
                                                                   12.9
                                                                         14.3
                                                                                22.2
                       27.8 24.3
                                                             25.0
## 3417
          23.5
                26.7
                                   20.1
                                         12.2
                                                14.5
                                                      26.3
                                                                   19.4
                                                                         13.8
                                                                                 8.2
                                                            18.4
## 3418
          14.9 14.3
                      20.9
                             23.1
                                   26.1
                                          27.5
                                                27.3
                                                      24.8
                                                                  16.0
                                                                         13.0
                                                                                11.3
           6.7 15.3 21.2 25.9
                                          26.3 22.4 14.0
## 3419
                                   27.0
                                                              9.2
                                                                    7.8
                                                                         11.8
                                                                               16.1
```

```
## 3420
         19.1 25.3
                     26.7 27.0 24.6 20.0 16.4
                                                   9.3 10.6 10.8 18.3
## 3421
         25.4
              27.7
                     26.3
                           25.8 23.7
                                       17.6
                                             10.3
                                                  13.4
                                                        14.2 14.8
                                                                    18.5
                                                                           22.3
## 3422
         26.6
              27.8
                     12.0
                           17.1 27.3
                                       27.0
                                             27.4
                                                   24.6
                                                         20.2
                                                               13.8
                                                                    10.2
                                        8.0
                                             25.3
                                                   27.8
## 3423
         26.6 27.5 18.7
                           13.6 21.0
                                                         19.7
                                                                8.8
                                                                     28.1
                                                                           13.7
## 3424
         24.2 13.1
                     12.6
                          22.2
                                27.1
                                       25.9
                                              7.0
                                                   12.2
                                                         19.4
                                                               22.6
                                                                     26.5
                                                                           26.5
## 3425
         27.4 25.5
                     12.1
                            9.6 21.6
                                      23.8 26.8
                                                   28.6
                                                         27.4
                                                               17.3
                                                                    13.0
                                                                           20.2
         23.2 26.8
                     28.0 27.3
                                 26.3
                                       21.1
                                             16.3
                                                   16.8
                                                         22.6
                                                               25.9
## 3426
                                                                     27.0
                           26.8
                                 26.6
                                       10.4
                                             16.9
                                                   19.5
                                                         27.6
                                                               27.8
                                                                     21.8
## 3427
         16.0 18.3
                     24.8
                                                                           13.2
## 3428
         13.7
               14.4
                     20.5
                           23.5
                                 26.5
                                       27.6
                                             25.2
                                                   21.6
                                                         17.4
                                                               11.3
                                                                     11.5
                                                                           11.0
         18.4 22.8
                     25.8
                                       24.4
                                             21.9
## 3429
                          26.7
                                27.1
                                                   14.8
                                                        17.4
                                                                9.7
                                                                     11.3
                                                                            3.2
## 3430
         17.5 -1.6
                      4.1
                           14.6
                                 16.2 -13.2
                                             -9.4
                                                   20.4
                                                         18.7
                                                                7.4
                                                                     -7.6
                                                                           -5.0
                                                               -7.9
                                                                           12.7
## 3431
         10.6 -11.2
                     13.6
                           -2.4
                                 16.8
                                      12.6
                                             -3.9
                                                   -8.7 -14.4
                                                                     -6.0
## 3432
          5.7
               -3.6
                     -9.3
                           -5.0
                                  3.2
                                       16.3
                                             -8.3
                                                    2.3
                                                          9.5
                                                               17.1
                                                                    20.4
                                                                           12.0
## 3433
               -6.5
                     -7.4
                          -1.1
                                -5.0 -12.3
                                              0.0
                                                   18.7
                                                         11.0
          0.6
                                                                9.3 - 10.9
                                                                           11.1
## 3434
         -6.8 15.3
                     -0.4
                           13.0
                                 4.3
                                       15.1
                                              7.8
                                                   -9.2
                                                         -5.5
                                                               15.4
                                                                      8.6
                                                                            4.4
## 3435
        -10.0
               -4.4
                      7.0
                           21.3
                                 17.7
                                       15.5
                                             -2.2
                                                   20.9
                                                          4.4
                                                               -5.1 -13.5
                                                                           18.9
        -10.7
                4.7
                     12.5
                           21.4
                                22.8
                                       21.0
                                             14.3
                                                    0.8
                                                        -5.9
                                                               -7.1 -13.3
## 3436
                                                                            6.3
## 3437
         14.4 22.8
                     23.0
                           22.3
                                 18.0
                                       10.5
                                              0.4
                                                   -8.4 -15.6
                                                                1.5 - 12.6
                                                                            8.9
## 3438
         13.2 20.7 15.1
                          10.3
                                 0.0
                                       -4.2
                                             -3.0
                                                   -3.5
                                                        17.1
                                                               20.4 21.4
                                                                           16.3
## 3439
         -5.4
              16.6 -10.5
                           -4.8
                                -6.4
                                       5.5
                                             15.0
                                                   17.1
                                                         21.9
                                                               20.8 13.4
                                                                            8.7
## 3440
         -2.2
               -9.4 -7.9 -3.4
                                  5.0
                                       16.4
                                             19.9
                                                   25.8
                                                         22.6
                                                               14.1
                                                                    11.1
                                                                            0.8
## 3441
         -5.9
               -8.8
                    -1.7
                            1.6
                                14.7
                                       22.7
                                             25.3
                                                   24.2
                                                         17.6
                                                                6.8
                                                                    -2.4
                          22.0
## 3442
         -3.7
                2.5
                    19.5
                                 25.0
                                       20.2
                                             16.6
                                                    8.9
                                                         -0.2 -8.5 -16.3 -12.2
         -0.6
              14.8
                     19.8
                          22.0
                                 21.8
                                       19.3
                                              8.8
                                                   -0.3
                                                         -8.9 -16.4 -13.1
## 3443
                                                                           -1.9
         13.1 20.1 23.2 21.2 18.0
                                        8.8
                                             -0.9
                                                   -2.6
## 3444
                                                        21.7
                                                              17.2
                                                                      9.3
                                                                            4.0
## 3445
         -7.0 -15.1 -6.8
                            0.2
                                 15.7
                                       17.8
                                             23.7
                                                   21.8
                                                         15.7
                                                                9.2 - 0.9
                                                                           -3.8
## 3446
         -6.2 -3.1
                      0.5
                          13.0
                                 19.4
                                       25.2
                                             25.7
                                                   17.2
                                                          9.7
                                                                1.5 -16.0
                                                                           -7.7
               -3.8 13.8
                           20.2
                                       23.6
                                                          2.1
                                                               -6.2 -10.2
## 3447
         -2.0
                                23.1
                                             14.0
                                                   10.1
                                                                           -6.7
                     18.4 22.2
## 3448
          3.0 17.4
                                19.2
                                       14.6
                                              8.3
                                                   -5.8 -12.0
                                                              -6.3
                                                                    -8.4
                                                                            2.7
## 3449
          9.0
              14.9
                     21.1
                           23.9
                                 18.9
                                       15.6
                                              9.4
                                                   -1.7
                                                         -3.9 - 4.4
                                                                      0.6
                                                                            3.3
## 3450
         11.1
               18.2
                     21.9
                           25.0
                                 20.4
                                       17.1
                                              6.7
                                                    3.3
                                                         -4.4 - 12.5
                                                                    -9.3
                                                                            2.4
## 3451
          8.0
               18.4
                     24.6
                           25.2
                                 23.8
                                       17.0
                                              7.0
                                                    1.2
                                                        -5.5 -3.6 -12.7
                                                                           -1.2
                           25.2
                                22.2
                                                                    -3.9
                                                                            2.6
## 3452
          8.8
              14.4 19.4
                                       15.7
                                              9.7
                                                   -1.4 -11.4 -2.1
                                              8.9
## 3453
          8.0
              13.6 21.2 21.8
                                 22.7
                                       19.2
                                                    2.0
                                                         -9.3 -10.2
                                                                    -1.2
                                                                            2.8
## 3454
         10.0 16.9
                     23.1
                           22.8
                                22.7
                                       16.7
                                              7.8
                                                   -3.5
                                                         -3.3 -3.1
                                                                     -1.1
                                                                            2.6
## 3455
          6.5
              15.8 19.4
                          18.6
                                18.9
                                       15.7
                                              9.3
                                                   -0.9
                                                         -7.1 -10.0
                                                                    -9.4
                                                                           -1.7
## 3456
          6.7
               13.9
                     18.4 21.9
                                21.9
                                       13.8
                                              8.4
                                                   -1.2
                                                         -5.6 -14.3 -10.4
## 3457
          8.1
              17.7
                     22.0 21.6
                                20.8
                                       18.4
                                             11.3
                                                    2.5
                                                        -5.7 -7.9
                                                                    -4.7
                                                                            1.6
## 3458
          5.4 13.1
                     21.1
                           23.9
                                 24.9
                                       15.8
                                              9.1
                                                   -1.6
                                                        -4.6 -11.7
                                                                     -5.4
                                                                           -2.6
                     20.4
                                                                           -0.7
## 3459
          5.8 12.7
                          20.6 21.1
                                       15.2
                                              8.8
                                                   -4.6 -11.9 -12.7
                                                                     -7.6
  3460
          4.4 10.8
                     20.4
                          22.4
                                 20.5
                                       16.9
                                              9.7
                                                   -2.2
                                                        -3.3
                                                              -6.9
                                                                     -0.1
## 3461
          8.1 16.5 17.2 22.2
                                21.6
                                       19.0
                                             10.3
                                                    1.9
                                                        -4.4 - 10.0
                                                                    -1.3
                                                                            0.9
              14.7
                     19.3
                           23.9
                                 21.4
                                                        -3.8
## 3462
          7.6
                                       15.3
                                              9.1
                                                    5.6
                                                               -8.1
                                                                     -0.9
                                                                            4.1
                     18.7
                                 22.0
                                             10.6
                                                   -3.9 -13.5
                                                              -7.2 -11.6
## 3463
          7.7
               15.1
                           22.1
                                       16.3
                                                                           -3.0
                     20.4
                           24.3
                                 22.3
                                                         -3.9
## 3464
          8.9
               15.1
                                       16.2
                                              9.0
                                                    6.4
                                                              -3.9
                                                                    -1.4
                                                                           -4.8
              12.2
                     22.3
                           25.3
                                 21.4
                                       17.4
                                                         -3.0
                                                               -8.0
                                                                     -7.3
## 3465
          8.4
                                              5.0
                                                    0.5
                                                                            0.6
                                23.0
## 3466
          8.7
               13.1
                     19.0
                           22.8
                                       15.5
                                             10.4
                                                   -0.1
                                                         -3.6
                                                               -9.5
                                                                     -6.5
                                                                            3.6
## 3467
              14.3
                     18.2 21.4
                                 18.6
                                             10.0
                                                         -3.5 - 8.9
                                                                     -1.9
                                                                            0.8
          9.4
                                       18.7
                                                    3.0
## 3468
         11.3 13.5
                     21.4 23.9
                                 21.1
                                       19.7
                                             10.3
                                                    2.7
                                                         -7.8 -0.5
                                                                    -4.9
                                                                            0.7
                                                               -7.5 -10.2
## 3469
          11.0 15.3
                     20.6
                          24.5
                                21.8
                                       14.5
                                              8.0
                                                    1.3
                                                         -2.1
                                                                            3.9
## 3470
          7.5
               17.0
                     21.1
                          23.9
                                 22.6
                                       17.5
                                             11.9
                                                    1.7
                                                         -8.0 -10.1
                                                                     -9.5
                                                                           -1.5
          6.3 13.6 20.1 23.7
## 3471
                                22.0
                                       17.2
                                              9.7
                                                    1.4
                                                         -9.3 -9.8 -4.6
                                                                            0.8
## 3472
          7.4 14.9 18.8 20.4
                                 20.0
                                       17.5
                                              5.8
                                                    5.2 -9.2 -11.9 -9.6
                                                                            3.1
         11.2 13.8 19.8 23.0 23.5 15.5
## 3473
                                            10.7
                                                    1.1 -8.6 -12.0 -8.4
                                                                          -1.1
```

```
## 3474
           6.6 13.6
                      19.5
                              25.2 21.7
                                           15.3
                                                  11.8
                                                         2.4 - 2.8
                                                                    -4.4
                                                                           -3.0
          10.9
                16.5
                       22.3
                              27.4
                                    22.4
                                           17.1
                                                   8.0
                                                         2.2
                                                              -5.7
                                                                     -8.0
                                                                            -5.8
## 3475
                                                                                   -2.4
## 3476
           4.1
                 14.0
                       19.4
                              22.3
                                    22.0
                                           19.4
                                                   8.7
                                                         0.0 -11.2 -10.3 -11.1
                                                                                   -1.5
                                     21.5
## 3477
           7.7
                 14.3
                       20.2
                              21.0
                                           16.9
                                                  10.2
                                                        -3.2
                                                               -4.2
                                                                     -6.2
                                                                            -8.8
                                                                                    3.4
## 3478
          10.5
                 14.5
                       20.9
                              22.9
                                     21.0
                                           19.8
                                                  11.6
                                                         3.7
                                                               -2.6
                                                                     -7.6
                                                                            -2.5
                                                                                    4.5
## 3479
           9.4
                 15.2
                       22.9
                              23.4
                                    22.5
                                           18.6
                                                  11.6
                                                         5.6
                                                               -6.3
                                                                     -5.9
                                                                            -0.2
                                                                                    1.8
                       21.9
                              24.6
                                     20.2
                                                  10.5
                                                               -5.4
                                                                     -8.2
                                                                            -9.2
  3480
           9.7
                 14.4
                                           18.6
                                                         2.2
                                                                                    0.6
                       22.4
                              23.1
                                     22.1
                                                   7.6
                                                               -3.0
## 3481
           3.0
                18.2
                                           18.2
                                                        -1.2
                                                                     -8.4 - 11.7
                                                                                   -1.3
##
   3482
           8.3
                 12.9
                       21.3
                              24.0
                                     21.3
                                           19.7
                                                   7.1
                                                          0.2
                                                               -4.3
                                                                     -6.4
                                                                            -4.8
                                                                                    3.6
                                                               -2.5
                                                                     -3.4 -10.6
                                                                                    5.0
##
  3483
           7.4
                 14.4
                       23.9
                              24.7
                                     23.8
                                           17.6
                                                   6.9
                                                          4.1
   3484
           9.2
                 15.1
                       24.0
                              24.2
                                     23.6
                                           19.4
                                                  12.2
                                                          3.8
                                                               -2.4
                                                                     -7.9
                                                                             1.4
                                                                                    6.1
                       16.9
                              17.7
                                                                7.1
  3485
                 14.0
                                      2.6
                                            0.2
                                                   0.1
                                                         1.4
                                                                     10.4
                                                                            17.2
##
           11.4
                                                                                   18.5
                         6.2
                                    -0.1
##
   3486
          17.2
                 14.0
                               4.9
                                            0.5
                                                  21.6
                                                        28.3
                                                               23.1
                                                                     17.9
                                                                            27.8
                                                                                   25.0
   3487
           6.3
                       11.1
                              30.1
                                     23.5
                                           19.6
                                                                       4.7
##
                  9.1
                                                  11.7
                                                         8.4
                                                                4.1
                                                                             8.9
                                                                                   16.4
   3488
          20.7
                 27.3
                       28.9
                              30.9
                                     27.2
                                           22.4
                                                   9.3
                                                          7.1
                                                                1.8
                                                                       5.0
                                                                             9.4
                                                                                   20.9
##
##
   3489
          22.5
                 27.5
                       29.1
                              29.4
                                     25.5
                                           18.1
                                                  11.2
                                                          8.8
                                                                1.1
                                                                       6.2
                                                                            11.9
                                                                                   16.1
          23.1
                 27.2
                       30.0
                              27.6
                                    22.9
                                           18.1
                                                  13.6
                                                                6.6
                                                                     10.0
                                                                            11.8
##
  3490
                                                          8.1
                                                                                  17.0
##
   3491
          22.1
                 26.2
                       26.1
                              26.1
                                     22.8
                                           21.3
                                                  10.7
                                                          5.5
                                                                5.7
                                                                      7.9
                                                                            11.4
                                                                                  16.8
  3492
          21.7
                 26.4
                       29.8
                              31.5
                                     25.5
                                           19.5
                                                   8.9
                                                          7.8
                                                                     10.4
                                                                            11.4
##
                                                                9.4
                                                                                  16.4
## 3493
          22.3
                 29.7
                       29.6
                              32.7
                                     26.2
                                           18.0
                                                  11.2
                                                          6.0
                                                                8.7
                                                                      8.9
                                                                            15.1
                                                                                   16.2
                 31.9
                              27.8
                                                                            11.3
## 3494
          22.6
                       29.0
                                    26.5
                                           20.0
                                                  11.7
                                                         6.3
                                                                6.2
                                                                     12.7
                                                                                  20.4
  3495
          19.0
                 27.6
                       32.3
                              31.5
                                     28.3
                                           20.3
                                                  13.0
                                                          8.2
                                                                6.4
                                                                      7.8
                                                                            13.0
                                                                                   20.1
          24.0
                 25.6
                       30.1
                              29.1
                                     26.2
                                           18.9
                                                  10.7
                                                          6.0
                                                                      7.6
                                                                            13.3
                                                                                  17.3
## 3496
                                                                4.8
          24.9
                 28.8
                       31.0
                              31.2
                                     27.3
                                           21.1
                                                  10.4
                                                                3.9
                                                                            10.4
                                                                                   15.5
##
  3497
                                                         8.3
                                                                       9.7
          20.5
                 25.7
                              29.6
                                    23.2
                                                                5.9
## 3498
                       31.1
                                           16.1
                                                   9.1
                                                          8.6
                                                                       4.9
                                                                             6.8
                                                                                  15.3
   3499
          22.0
                 27.5
                       28.8
                              29.3
                                     24.9
                                           18.1
                                                  12.6
                                                          4.9
                                                                3.6
                                                                       7.4
                                                                            12.6
                                                                                  17.6
##
   3500
          23.8
                 26.5
                       26.9
                              29.0
                                     24.9
                                           16.7
                                                   7.8
                                                         8.5
                                                                4.9
                                                                       4.2
                                                                             7.3
                                                                                  18.8
   3501
                 27.5
                       28.6
                              29.0
                                     26.0
                                                                      7.7
##
          21.1
                                           19.6
                                                  13.0
                                                         4.0
                                                                3.4
                                                                            13.1
                                                                                   16.7
          22.9
##
   3502
                 25.4
                       28.8
                              27.7
                                     23.9
                                           18.4
                                                   8.8
                                                         5.2
                                                                2.4
                                                                     10.2
                                                                            10.8
                                                                                  16.5
##
   3503
          25.5
                 25.0
                       28.7
                              29.8
                                     23.1
                                           20.0
                                                  11.9
                                                         7.2
                                                                1.4
                                                                       6.3
                                                                            13.9
                                                                                   19.9
##
   3504
          23.2
                 28.0
                       30.4
                              29.9
                                     25.4
                                           23.2
                                                  13.3
                                                          3.4
                                                                6.1
                                                                       5.7
                                                                            11.4
                                                                                   19.1
##
   3505
          22.7
                 26.9
                       31.2
                              29.7
                                     23.7
                                           16.9
                                                  12.0
                                                         5.2
                                                                2.6
                                                                       6.0
                                                                            13.9
                                                                                   20.1
##
   3506
          24.3
                 27.5
                       27.9
                              22.9
                                     19.1
                                           13.8
                                                   6.5
                                                          9.3
                                                               15.4
                                                                     18.3
                                                                            24.6
                                                                                   26.6
          30.1
                                                                            26.1
   3507
                 26.9
                       19.6
                              18.0
                                     10.7
                                            5.7
                                                   6.2
                                                        10.3
                                                               16.8
                                                                     21.6
##
                                                                                   26.9
   3508
          27.7
                 21.4
                       18.4
                              11.7
                                      6.9
                                            5.3
                                                  12.4
                                                        13.0
                                                               19.7
                                                                     25.6
                                                                            26.8
                                                                                   28.7
##
  3509
          22.9
                13.8
                        7.5
                               4.2
                                    -0.4
                                            8.7
                                                  13.1
                                                        22.3
                                                               27.6
                                                                     29.4
                                                                            27.6
                                                                                   26.7
##
##
  3510
          18.1
                 11.1
                         6.1
                              -1.6
                                      0.3
                                           11.0
                                                  21.8
                                                        26.9
                                                               31.9
                                                                     27.6
                                                                            25.9
##
  3511
           11.2
                  4.2
                       -1.2
                               2.8
                                     12.2
                                           20.7
                                                  26.0
                                                        28.9
                                                               27.2
                                                                     23.6
                                                                            20.1
                                                                                    9.1
   3512
           7.3
                  5.3
                         5.2
                               9.7
                                     21.2
                                           29.1
                                                  33.1
                                                        30.9
                                                               25.1
                                                                     16.6
                                                                             9.9
                                                                                    7.2
##
                                     26.6
## 3513
           6.0
                  8.6
                       11.7
                              20.3
                                           30.3
                                                  27.8
                                                        24.5
                                                               16.7
                                                                     11.0
                                                                             6.2
                                                                                    3.9
  3514
           3.8
                 12.3
                       21.8
                              24.1
                                     27.3
                                           29.3
                                                  24.0
                                                                             4.6
                                                        17.9
                                                               11.0
                                                                       6.7
                                                                                    6.5
                                                                             8.4
## 3515
          10.5
                 19.6
                       24.0
                              29.0
                                     30.1
                                           25.5
                                                  18.8
                                                        11.9
                                                               -1.3
                                                                       2.4
                                                                                   10.6
                       28.8
                                            7.8
                                                               13.2
                                                                            25.7
##
   3516
          22.5
                 28.2
                              23.1
                                     10.8
                                                   1.2
                                                         4.6
                                                                     22.2
                                                                                   29.5
                 17.7
                       10.4
                               2.9
                                            8.7
                                                        18.6
##
  3517
          24.0
                                      7.6
                                                  14.7
                                                               21.7
                                                                     26.7
                                                                            30.5
                                                                                   27.8
   3518
          25.6
                 17.8
                         9.4
                               6.1
                                      3.9
                                            9.4
                                                  10.6
                                                        16.7
                                                               22.8
                                                                     25.7
                                                                            27.9
                                                                                   29.4
                 17.8
  3519
          23.5
                       11.7
                               6.1
                                      3.4
                                            6.1
                                                  11.9
                                                        16.3
                                                               22.3
                                                                     26.4
                                                                            29.3
                                                                                   30.1
##
##
  3520
          24.2
                 17.5
                       12.6
                               7.9
                                      8.0
                                            2.9
                                                  12.1
                                                        18.6
                                                               22.5
                                                                     24.5
                                                                            28.3
                                                                                   27.2
  3521
                 19.0
                       12.6
                                      8.8
                                                               22.0
                                                                     29.2
                                                                            28.3
                                                                                   28.9
##
          22.2
                               1.7
                                            9.7
                                                  13.0
                                                        16.4
##
   3522
          26.2
                17.8
                       13.6
                               4.0
                                      4.1
                                           10.8
                                                  13.9
                                                        18.6
                                                               23.3
                                                                     26.6
                                                                            29.5
                                                                                   27.3
##
  3523
          22.2
                18.4
                         9.1
                               8.2
                                      6.2
                                           10.7
                                                  13.7
                                                        17.4
                                                               20.8
                                                                     25.7
                                                                            28.3
                                                                                   26.1
##
  3524
          24.1
                 19.3
                         9.9
                               7.3
                                      4.9
                                            6.3
                                                  11.4
                                                        15.8
                                                               20.0
                                                                     25.9
                                                                            30.0
                                                                                   29.2
## 3525
          23.2
                15.7
                         8.4
                               7.3
                                      4.6
                                            5.2
                                                  12.7
                                                        16.9
                                                               20.5
                                                                     28.0
                                                                            28.1
                                                                                   28.6
                               7.9
## 3526
          23.8
                18.8
                       12.0
                                      6.7
                                            9.1
                                                  11.7
                                                        16.6
                                                               20.4
                                                                     24.8
                                                                            29.3
                                                                                   28.8
## 3527
          23.4 18.3
                       11.7
                               6.5
                                      4.2
                                            9.2
                                                  10.1 16.5
                                                               26.1
                                                                     27.8
                                                                            29.3
                                                                                  27.5
```

```
## 3528
           22.4
                17.6
                       10.5
                                7.9
                                       5.6
                                              8.1
                                                   13.4
                                                        14.2
                                                                 20.2
                                                                       25.3
                                                                              29.2
                                                                                     27.9
##
           26.0
                 18.1
                         9.5
                                       7.0
                                             8.5
                                                   10.4
                                                          15.3
                                                                 24.8
                                                                       29.0
                                                                              31.9
                                                                                     29.7
  3529
                                5.1
           28.5
                        12.9
                                                                              30.1
##
   3530
                 20.2
                                6.3
                                       6.8
                                            11.5
                                                   11.3
                                                          17.5
                                                                 21.8
                                                                       26.1
                                                                                     31.4
   3531
##
           24.4
                 18.6
                        15.0
                                8.1
                                       7.1
                                             11.7
                                                   13.4
                                                          17.1
                                                                 24.9
                                                                       26.0
                                                                              30.5
                                                                                     32.4
##
   3532
           26.2
                 19.8
                         8.1
                                2.5
                                       4.7
                                              7.1
                                                    9.9
                                                          18.8
                                                                 22.9
                                                                       27.5
                                                                              32.2
                                                                                     29.6
   3533
           24.0
                 18.0
                        14.2
                                7.6
                                       7.5
                                              7.2
                                                   10.6
                                                          18.0
                                                                 21.2
                                                                       25.9
                                                                              27.9
                                                                                     29.4
##
                 15.5
                        10.3
                                              5.8
                                                                       24.8
##
   3534
           25.0
                                6.7
                                       4.8
                                                   11.9
                                                          18.2
                                                                 23.1
                                                                              30.0
                                                                                     29.9
                        12.8
                                                          17.5
                                                                              27.3
##
  3535
           22.7
                 19.8
                                8.6
                                       7.3
                                              5.9
                                                   15.1
                                                                 23.0
                                                                       25.2
                                                                                     26.1
##
   3536
           24.7
                 19.6
                        12.0
                                7.5
                                       6.7
                                              9.5
                                                   12.3
                                                          17.4
                                                                 21.8
                                                                       27.3
                                                                              28.8
                                                                                     28.3
                                              7.9
                                                                       28.2
##
   3537
           26.4
                 18.6
                        13.4
                                6.7
                                      11.4
                                                   15.1
                                                          21.2
                                                                 24.1
                                                                              31.4
                                                                                     31.8
##
   3538
           23.3
                 18.7
                        13.1
                                7.4
                                       4.4
                                              7.8
                                                   16.4
                                                          15.7
                                                                 22.4
                                                                       25.7
                                                                              27.7
                                                                                     29.8
   3539
           26.4
                 20.9
                        13.9
                                       6.8
                                             9.4
                                                   13.9
                                                          17.7
                                                                 23.7
                                                                       29.9
                                                                              30.4
                                                                                     29.2
##
                                6.5
##
   3540
           24.1
                 19.0
                        12.3
                                6.1
                                       5.5
                                             11.0
                                                   14.3
                                                          18.0
                                                                 20.6
                                                                       27.6
                                                                              29.1
                                                                                     29.0
                 14.9
                        13.3
                                                   11.3
                                                                 21.7
##
   3541
           23.3
                                3.0
                                       4.3
                                              4.0
                                                          17.4
                                                                       28.4
                                                                              28.7
                                                                                     30.6
   3542
           25.5
                 18.6
                        12.2
                                6.6
                                       3.9
                                              7.0
                                                   14.2
                                                          20.7
                                                                 23.4
                                                                       31.9
                                                                              33.8
                                                                                     34.1
##
##
   3543
           24.4
                  18.6
                        12.0
                                6.0
                                       8.1
                                              8.8
                                                   16.4
                                                          20.0
                                                                 24.6
                                                                       28.1
                                                                              31.3
                                                                                     29.5
                        13.8
                                              7.9
                                                   12.0
                                                          15.2
                                                                 22.6
                                                                       27.8
                                                                              28.3
                                                                                     29.2
##
   3544
           24.7
                 17.2
                                7.2
                                       6.6
##
   3545
           26.5
                 18.4
                         9.9
                                3.6
                                       5.3
                                              4.9
                                                   10.5
                                                          17.6
                                                                 22.8
                                                                       27.4
                                                                              27.2
                                                                                     29.0
           25.3
                 20.6
                                                          17.6
   3546
                         9.5
                                7.6
                                       4.9
                                             5.5
                                                                 20.2
                                                                       26.4
                                                                              28.7
                                                                                     28.3
##
                                                   11.8
##
   3547
           26.3
                 19.2
                        12.2
                                8.5
                                       5.5
                                             10.5
                                                   14.5
                                                          17.4
                                                                 20.5
                                                                       26.5
                                                                              29.6
                                                                                     28.1
                                                          21.6
##
   3548
           24.9
                 20.4
                        14.5
                                6.8
                                      11.9
                                             15.6
                                                   17.7
                                                                 25.9
                                                                       28.9
                                                                              26.1
                                                                                     24.0
   3549
           18.0
                 13.3
                         6.2
                                4.5
                                       6.4
                                             14.0
                                                   14.8
                                                          24.8
                                                                 29.1
                                                                       30.4
                                                                              28.9
##
                   9.3
   3550
           16.9
                         6.3
                                5.6
                                       7.7
                                             10.3
                                                   17.6
                                                          21.3
                                                                 25.5
                                                                       28.1
                                                                              30.2
                                                                                     28.0
##
           16.2
                   9.9
                         8.1
                                8.3
                                       7.4
                                            15.0
                                                   16.2
                                                          22.5
                                                                 26.5
                                                                       29.1
                                                                              28.6
##
   3551
                                                                                     22.2
                                                          20.3
                                                                       27.7
                 13.4
                         7.6
                                       1.8
                                            14.2
                                                                 26.4
                                                                                     25.8
##
   3552
           16.4
                                6.5
                                                   15.8
                                                                              28.1
   3553
           20.4
                  12.9
                        12.7
                                4.7
                                      14.3
                                            20.8
                                                   24.2
                                                          25.9
                                                                 25.0
                                                                       23.2
                                                                              16.6
                                                                                     11.0
##
   3554
            7.7
                   6.2
                         6.6
                                8.2
                                      16.2
                                            18.7
                                                   22.7
                                                          26.0
                                                                 25.7
                                                                       20.7
                                                                              14.6
                                                                                     12.2
   3555
                               11.9
                                      13.5
                                            20.7
                                                          24.5
                                                                 24.6
##
            6.6
                   3.3
                         7.4
                                                   24.1
                                                                       15.9
                                                                               8.6
                                                                                      0.3
            3.9
                                            23.6
                                                          25.2
   3556
                   7.9
                         8.1
                               16.1
                                     19.4
                                                   23.5
                                                                 19.7
                                                                       13.8
                                                                              12.7
                                                                                      8.2
##
##
   3557
            5.6
                   5.5
                         9.8
                               17.1
                                      18.4
                                            24.5
                                                   26.3
                                                          20.8
                                                                 22.0
                                                                       15.6
                                                                               7.2
                                                                                      3.0
            2.3
##
   3558
                   4.7
                        11.2
                               14.0
                                      18.0
                                            21.7
                                                   23.9
                                                          24.5
                                                                 20.2
                                                                       14.3
                                                                              12.2
                                                                                      5.1
##
   3559
            3.8
                   4.4
                        11.3
                               14.7
                                      21.5
                                            23.2
                                                   23.8
                                                          23.5
                                                                 21.0
                                                                       17.0
                                                                              11.4
                                                                                      5.0
##
   3560
            6.1
                   6.7
                         8.9
                               14.7
                                      18.0
                                            23.2
                                                   25.9
                                                           8.1
                                                                 19.1
                                                                       14.0
                                                                               5.4
                                                                                     16.6
                                                                                     16.5
   3561
           20.8
                 26.1
                        26.8
                               25.9
                                      22.8
                                            16.5
                                                    9.9
                                                                  2.3
                                                                        7.3
##
                                                           1.1
                                                                              10.2
   3562
           19.8
                 25.0
                        26.7
                               25.7
                                      21.3
                                            14.4
                                                   10.8
                                                           8.0
                                                                  6.1
                                                                         7.5
                                                                              15.1
                                                                                     15.7
##
   3563
           21.2
                 23.0
                        26.7
                               24.5
                                      21.0
                                            14.8
                                                                  6.5
                                                                         5.0
                                                                               6.8
                                                                                     14.7
##
                                                    8.6
                                                           8.1
##
   3564
           18.2
                 23.5
                        24.7
                               23.7
                                      21.0
                                             16.0
                                                    7.7
                                                           7.0
                                                                  0.9
                                                                         6.5
                                                                               8.2
                                                                                     14.8
##
   3565
           20.4
                 24.4
                        24.2
                               23.8
                                      21.7
                                             16.0
                                                    7.2
                                                           7.0
                                                                  3.9
                                                                         1.5
                                                                              10.8
                                                                                     15.6
   3566
           21.0
                 24.6
                        25.8
                               24.5
                                      21.1
                                             14.8
                                                   11.8
                                                          10.9
                                                                  2.8
                                                                         5.4
                                                                              13.5
                                                                                     15.4
##
                        26.0
   3567
           18.7
                 24.6
                               25.3
                                      23.6
                                            17.2
                                                           6.0
                                                                  7.2
                                                                       10.5
                                                                              10.5
                                                                                     17.0
##
                                                   11.7
   3568
           19.5
                 22.7
                        25.2
                               23.6
                                      20.5
                                                    9.6
                                                                                     13.6
##
                                            16.2
                                                           5.1
                                                                  2.1
                                                                         9.9
                                                                               8.1
   3569
           21.3
                 24.3
                        24.6
                               23.9
                                      23.5
                                            16.1
                                                    7.6
                                                           5.8
                                                                  4.7
                                                                         8.4
                                                                               8.7
                                                                                     15.8
##
                        25.9
                               24.7
##
   3570
           21.8
                 23.1
                                      24.7
                                             17.8
                                                    8.1
                                                           7.3
                                                                  6.5
                                                                         7.5
                                                                              13.2
                                                                                     14.2
           16.9
                 22.8
                        26.2
                               24.9
                                      20.4
                                            16.4
                                                   12.3
                                                                  4.3
                                                                         5.4
##
   3571
                                                           4.9
                                                                              11.4
                                                                                     14.6
                 23.2
                        25.7
                               25.9
                                                    8.8
                                                          10.5
                                                                  3.7
                                                                       10.8
##
   3572
           18.8
                                      21.9
                                            18.0
                                                                              26.7
                                                                                     25.0
           17.8
                 12.8
                         9.5
                                7.2
   3573
                                      11.5
                                             19.6
                                                   23.8
                                                          26.4
                                                                 21.5
                                                                       15.3
                                                                              11.5
##
                                                                                      9.2
##
   3574
            8.1
                   6.1
                        16.1
                               20.8
                                      24.8
                                            26.0
                                                   28.8
                                                          24.0
                                                                 19.9
                                                                         9.8
                                                                              16.0
                                                                                     26.4
   3575
           25.5
                        15.8
                                6.3
                                                                              22.5
                                                                                     16.0
##
                 22.0
                                       8.1
                                             16.6
                                                   21.6
                                                          26.0
                                                                 25.8
                                                                       26.0
##
   3576
            3.7
                   4.0
                        27.6
                               26.9
                                      27.2
                                            24.3
                                                   17.0
                                                          11.4
                                                                 10.2
                                                                       18.0
                                                                              21.8
                                                                                     27.7
   3577
                                       9.7
                                                                 27.1
##
           26.4
                 23.0
                        15.5
                                8.0
                                             16.9
                                                   22.3
                                                          24.1
                                                                       24.5
                                                                              22.4
                                                                                     16.8
   3578
            9.0
                   9.0
                         7.3
                               16.3
                                      20.1
                                            24.1
                                                   25.3
                                                          25.2
                                                                 17.5
                                                                         9.7
                                                                               3.4
##
                                                                                      6.7
                        26.2
                               25.3
##
   3579
           17.3
                 25.9
                                      23.0
                                             9.9
                                                    6.6
                                                           4.6
                                                                 18.1
                                                                       22.1
                                                                              27.5
                                                                                     27.4
##
   3580
           24.2
                 14.6
                         5.9
                                8.6
                                      17.1
                                            21.1
                                                   25.9
                                                          28.1
                                                                 27.0
                                                                       24.3
                                                                              11.9
                                                                                      9.9
## 3581
           12.9
                19.3
                        24.9
                               25.4
                                      18.5
                                            11.1
                                                    4.1
                                                           5.4
                                                                  2.2
                                                                       -2.5
                                                                               0.7
                                                                                     -1.8
```

```
## 3582
           1.8 10.1
                         2.8
                               0.8
                                     3.4
                                            4.7
                                                 14.4 13.9
                                                                5.8
                                                                      4.3
                                                                           -3.0
                                                                                  -0.5
                                                                           10.4
  3583
          -1.0
                 14.8
                        0.3
                               1.4
                                    -1.9
                                            4.5
                                                  8.4
                                                        13.0
                                                              13.6
                                                                     13.1
                                                                                   5.3
   3584
           2.7
                 -5.6
                       -1.1
                              18.2
                                    23.7
                                            7.0
                                                 24.6
                                                        21.5
                                                               11.6
                                                                      5.5
                                                                             3.2
                                                                                  14.7
   3585
                              26.1
                                    22.5
                                                        12.2
##
          19.4
                 24.4
                       25.8
                                           18.7
                                                  8.9
                                                                2.9
                                                                     14.9
                                                                            15.7
                                                                                  20.5
##
   3586
          23.3
                 25.3
                       29.1
                              28.7
                                     29.8
                                           27.1
                                                 22.4
                                                        18.1
                                                               15.7
                                                                     13.6
                                                                            15.4
                                                                                  16.8
   3587
          20.1
                24.3
                       29.1
                              29.2
                                    30.0
                                           28.1
                                                 23.4
                                                        16.2
                                                              11.9
                                                                     11.4
                                                                           13.6
                                                                                  15.5
##
                 24.0
                       28.5
                              29.7
                                    31.0
                                           28.4
                                                 24.4
                                                        15.5
                                                              15.3
                                                                     10.3
   3588
          21.3
                                                                           12.5
          22.1
                 25.2
                       26.9
                              28.6
                                    28.4
                                           25.7
                                                 23.1
                                                        18.8
##
  3589
                                                              15.2
                                                                     11.4
                                                                           15.3
                                                                                  19.2
##
   3590
          21.3
                 24.3
                       27.4
                              29.3
                                     28.2
                                           26.9
                                                 23.7
                                                        19.4
                                                              14.9
                                                                     16.0
                                                                            19.1
                                                                                  20.5
                       27.8
                              28.5
                                    28.2
                                           26.0
                                                              12.4
##
   3591
          22.2
                 24.3
                                                 21.4
                                                        19.6
                                                                      9.8
                                                                           16.2
                                                                                  19.6
   3592
          19.9
                 26.0
                       28.5
                              28.3
                                    28.9
                                           26.4
                                                  21.7
                                                        15.2
                                                               13.5
                                                                     12.5
                                                                            15.1
                                                                                  17.2
                       28.2
   3593
          21.0
                 25.9
                              29.4
                                    30.9
                                           28.6
                                                 22.8
                                                        16.2
                                                               15.0
                                                                     16.3
                                                                            15.4
                                                                                  22.2
##
##
   3594
          22.7
                 25.6
                       28.0
                              30.6
                                    28.1
                                           27.0
                                                 22.5
                                                        19.1
                                                               13.2
                                                                     12.8
                                                                            11.2
                                                                                  18.3
   3595
          20.4
                 23.9
                       26.9
                              27.1
                                    27.7
                                           25.0
                                                 22.5
                                                        16.5
                                                               19.1
                                                                     11.6
##
                                                                            14.4
                                                                                  22.6
   3596
          13.7
                  6.7
                       -5.6
                             -5.2
                                    15.5
                                           21.5
                                                 24.2
                                                        -6.1
                                                               -6.8
                                                                     17.8
                                                                            23.9
                                                                                  15.3
##
##
   3597
           6.1
                 17.2
                       21.3
                              17.3
                                    -7.2
                                           23.2
                                                   0.4
                                                        -5.8
                                                               -5.4
                                                                      9.8
                                                                            -2.5
                                                                                  -2.2
   3598
          14.5
                 23.3
                       17.8
                              -1.1
                                    22.9
                                            5.7
                                                   0.9
                                                        -2.9
                                                               -6.9
                                                                      7.3
                                                                                  21.3
##
                                                                            13.2
##
   3599
          20.6
                 -1.8
                       -3.3
                             -1.9
                                    11.1
                                           21.9
                                                  21.8
                                                        -3.9
                                                                2.2
                                                                      5.3
                                                                            -0.7
                                                                                   8.8
          13.1
                20.0
   3600
                       25.2
                             -4.2
                                     5.3
                                           20.9
                                                  7.3
                                                        -1.9
                                                                8.0
                                                                     23.1
                                                                            18.2
                                                                                  -2.4
##
##
   3601
          -2.0
                  6.5
                       13.5
                              22.0
                                    16.9
                                            6.8
                                                   4.0
                                                        -0.9
                                                               -1.3
                                                                      2.2
                                                                             0.0
                                                                                   7.9
                                                                      8.6
##
   3602
          13.8
                12.1
                        8.9
                               4.1
                                     3.1
                                            6.0
                                                  0.8
                                                        -3.1
                                                               -4.9
                                                                            16.2
                                                                                  17.5
   3603
          22.3
                 22.6
                       19.2
                              11.4
                                     8.2
                                           -0.4
                                                   1.1
                                                        19.0
                                                               23.2
                                                                     23.6
                                                                            19.2
           6.9
                  2.1
                        2.8
                              13.4
                                    19.1
                                           22.0
                                                 21.2
                                                        18.9
                                                                7.3
                                                                     -0.9
                                                                             4.1
                                                                                   7.3
##
  3604
          19.0
                 23.3
                       24.3
                              12.2
                                     6.2
                                           -0.5
                                                   9.7
                                                        12.7
                                                               18.8
                                                                     21.7
##
   3605
                                                                            18.4
                                                                                   2.7
                  7.1
                       14.1
           2.6
                              20.4
                                    24.3
                                           22.6
                                                 18.2
##
   3606
                                                         8.9
                                                                3.8
                                                                      0.8
                                                                             1.1
                                                                                   9.5
   3607
          15.2
                17.8
                       20.8
                              23.0
                                    19.2
                                           14.7
                                                   6.3
                                                         4.3
                                                               -2.0
                                                                      0.0
                                                                             2.9
                                                                                   4.0
##
  3608
          12.6
                 18.2
                       22.7
                              27.1
                                    22.5
                                           19.3
                                                 12.8
                                                         9.0
                                                                1.5
                                                                     -0.7
                                                                             4.5
                                                                                   8.1
   3609
                 18.4
                       22.4
                              23.0
                                    22.4
                                           18.2
                                                 14.3
                                                               -4.8
##
          11.2
                                                         6.1
                                                                     -0.3
                                                                             3.6
                                                                                   5.1
                       21.0
                                    23.5
                                                                      2.5
   3610
          14.3
                17.9
                              23.4
                                           17.5
                                                 12.4
                                                         8.9
                                                                4.1
                                                                             2.5
                                                                                   5.9
##
##
   3611
          13.1
                 15.6
                       22.7
                              25.4
                                    25.2
                                           22.0
                                                 12.1
                                                         5.7
                                                                1.2
                                                                     -4.5
                                                                            -2.1
                                                                                   7.1
##
  3612
          12.8
                16.8
                       19.5
                              23.2
                                    23.7
                                           18.1
                                                  12.4
                                                         8.8
                                                                1.6
                                                                     -2.0
                                                                             1.0
                                                                                   7.8
##
   3613
          11.8
                19.8
                       21.9
                              23.1
                                    21.5
                                           19.8
                                                 13.6
                                                         8.6
                                                                0.7
                                                                      0.7
                                                                             3.2
                                                                                   4.4
                       23.6
##
   3614
          13.1
                 15.7
                              25.1
                                    24.7
                                           20.9
                                                  13.1
                                                         7.4
                                                               -1.1
                                                                      5.6
                                                                             1.9
                                                                                   6.0
  3615
          14.3
                16.5
                       20.9
                              24.7
                                    24.8
                                           17.8
                                                         7.5
                                                                      2.7
                                                                            -3.9
##
                                                 11.8
                                                                4.6
                                                                                  10.3
##
   3616
          11.4
                19.7
                       23.4
                              23.2
                                    26.8
                                           21.9
                                                  16.3
                                                         7.4
                                                                2.4
                                                                      0.2
                                                                             1.2
                                                                                   5.2
                                                         5.6
##
          12.9
                16.1
                       23.0
                              24.2
                                    23.4
                                           21.6
                                                 12.7
                                                                1.0
                                                                     -2.5
                                                                             2.0
                                                                                   8.5
  3617
##
  3618
          13.3
                18.2
                       22.7
                              21.6
                                    22.5
                                           19.2
                                                 11.1
                                                         8.1
                                                                0.8
                                                                     -2.0
                                                                            -1.8
                                                                                   7.6
##
  3619
          14.5
                19.0
                       24.0
                              25.2
                                    25.6
                                           21.2
                                                 13.7
                                                         6.6
                                                               -3.0
                                                                     -2.3
                                                                             2.7
                                                                                   7.0
   3620
          14.0
                17.5
                       22.7
                              27.2
                                    24.0
                                           18.5
                                                  12.4
                                                         9.5
                                                                4.2
                                                                      1.9
                                                                             3.9
                                                                                  13.0
##
                20.3
                       22.8
                                    23.2
## 3621
          12.6
                              27.4
                                           19.0
                                                 12.0
                                                         4.9
                                                                4.6
                                                                      1.3
                                                                                   2.9
                                                                             0.7
          12.6
                18.2
                       22.0
                              23.0
                                    22.5
                                           19.2
                                                 13.3
                                                                     -4.5
  3622
                                                         4.9
                                                                1.8
                                                                            -2.1
                                                                                   4.2
## 3623
          12.8
                17.6
                       23.2
                             22.0
                                    23.9
                                           19.4
                                                 12.6
                                                         3.7
                                                                3.1
                                                                     -1.5
                                                                            -5.1
                                                                                   5.6
                19.0
                       22.2
                                    21.6
                                           21.3
                                                                7.8
##
   3624
          12.6
                              23.1
                                                 13.1
                                                         8.8
                                                                     -1.0
                                                                             2.5
                                                                                  10.1
                16.6
                       22.6
                              24.8
                                           20.8
                                                                      3.7
##
  3625
          13.0
                                    25.3
                                                 15.3
                                                         8.1
                                                                1.1
                                                                             6.7
                                                                                   7.2
                       21.9
   3626
          15.4
                 17.5
                              24.1
                                    21.9
                                           19.3
                                                  14.3
                                                         6.7
                                                                0.4
                                                                     -1.7
                                                                             5.3
                                                                                   4.6
                 22.2
                       23.6
  3627
           9.5
                              24.1
                                     23.6
                                           21.5
                                                  13.8
                                                         4.4
                                                                3.5
                                                                     -0.3
                                                                             3.4
                                                                                   4.9
##
##
   3628
          13.3
                 18.8
                       21.7
                              25.7
                                     23.2
                                           22.5
                                                  15.3
                                                         4.1
                                                                4.6
                                                                      3.3
                                                                             2.5
                                                                                   9.5
                       22.6
                              25.3
                                    22.9
                                                                2.2
##
   3629
          11.0
                 16.1
                                           18.9
                                                  12.8
                                                         8.9
                                                                      1.1
                                                                            -1.1
                                                                                   9.1
          11.6
                                                                6.6
##
   3630
                 16.1
                       22.7
                              23.8
                                    24.2
                                           20.3
                                                 16.2
                                                         5.3
                                                                     -1.6
                                                                            -6.6
                                                                                   0.1
                       23.8
                                                                     21.5
##
   3631
          15.7
                 20.8
                              21.1
                                    14.4
                                            1.5
                                                 17.7
                                                        21.1
                                                               22.6
                                                                            17.3
                                                                                  11.8
   3632
           0.9
                  6.0
                       13.6
                              22.4
                                    19.9
                                           16.1
                                                  0.9 - 11.1
                                                               -5.8
                                                                      6.7
                                                                            14.8
                                                                                  18.8
##
                        5.3
## 3633
          19.3
                 16.5
                             -9.5
                                    11.8
                                           14.9
                                                 22.9
                                                        22.9
                                                               15.5
                                                                     10.6
                                                                             1.0 -11.6
                                                         2.5
## 3634
          -7.9
                  7.0
                      14.0
                             19.4
                                    24.7
                                           21.1
                                                 10.8
                                                              -3.3
                                                                     10.2
                                                                           17.4
                                                                                  21.9
                                                              22.3
## 3635
          24.7 20.7 15.9
                               7.9
                                     2.6
                                           -4.5
                                                 -6.4
                                                        20.0
                                                                     21.1
                                                                             8.7
                                                                                   0.3
```

```
14.5
         -11.2 -12.8
                         6.5
                                     19.9
                                            16.1
                                                    9.0 - 3.8
                                                               -7.1 -10.7
                                                                              9.7
                                                                                    14.1
                                            -3.3
           21.2 19.2
                        18.4
                              10.3
                                     -7.6
                                                   8.6
                                                         15.3
                                                                21.7
                                                                      21.5
                                                                             20.3
                                                                                   10.3
  3637
   3638
            5.1
                 -6.4
                        -1.2
                               8.7
                                     13.7
                                            20.7
                                                   22.2
                                                         18.2
                                                                17.5
                                                                       9.0
                                                                              0.4 - 10.2
                               6.3
                                     -3.1 -12.3
                                                   12.0
                                                                             -7.8
   3639
            1.0
                 17.4
                        21.8
                                                         22.0
                                                                19.1
                                                                      18.3
                                                                                    -7.0
##
##
   3640
           6.0
                 12.8
                        22.0
                               22.2
                                     20.8
                                            14.9
                                                    5.1
                                                          2.5
                                                                -4.6
                                                                      -5.8 -12.6
                                                                                     7.6
   3641
           13.8
                 22.6
                        21.8
                              22.0
                                     18.2
                                            11.8
                                                    2.6
                                                         -3.0 -10.5
                                                                      25.8
                                                                             21.5
##
                                                                                    14.4
                        19.3
                                                  18.7
                                                         26.9
                                                                12.6
                                                                      11.3
   3642
           28.5
                 15.4
                              17.7
                                     11.7
                                             9.0
                                                                             10.1
                                                                      25.5
                27.8
## 3643
          28.3
                       16.0
                              10.4
                                      9.3
                                             8.0
                                                   18.1
                                                         21.3
                                                                25.4
                                                                             25.8
                                                                                    24.8
##
   3644
          21.1
                 14.6
                        15.9
                                8.9
                                      2.0
                                             2.3
                                                    8.4
                                                         10.5
                                                                17.8
                                                                      17.3
                                                                             24.7
                                                                                    23.4
                                                                                    22.4
##
   3645
           16.3
                 12.6
                         4.8
                              -1.1
                                      5.3
                                             2.7
                                                    7.9
                                                         10.4
                                                                16.7
                                                                      21.2
                                                                             24.3
##
   3646
           17.2
                 10.2
                         5.8
                                0.7
                                     -0.7
                                             4.2
                                                    8.2
                                                          9.8
                                                                16.8
                                                                      18.3
                                                                             24.4
                                                                                    20.8
   3647
           17.3
                 10.0
                         4.7
                                2.0
                                     -0.3
                                             4.9
                                                    5.3
                                                          8.1
                                                                17.0
                                                                      19.5
                                                                             22.2
                                                                                    22.5
##
##
   3648
           16.7
                 10.5
                         6.0
                               -1.7
                                      1.0
                                             2.2
                                                    4.8
                                                          9.6
                                                                16.7
                                                                      21.4
                                                                             23.8
                                                                                    22.3
           18.4
                  8.8
                               -2.8
                                                                12.2
                                                                      19.2
##
   3649
                         5.7
                                      4.3
                                             5.1
                                                    7.4
                                                         11.9
                                                                             23.8
                                                                                    21.2
   3650
           17.4
                 11.2
                         3.6
                                             2.8
                                                    6.6
                                                          7.3
                                                                13.9
                                                                      19.0
                                                                             19.9
                                                                                    23.7
##
                                1.4
                                      1.9
##
   3651
           19.0
                 10.9
                         5.0
                                0.1
                                      2.2
                                             3.8
                                                    6.5
                                                         10.9
                                                                15.7
                                                                      18.7
                                                                             24.7
                                                                                    23.6
           17.4
                 10.9
                               3.2
                                     -0.4
                                             4.1
                                                          9.6
                                                                16.9
                                                                      20.5
                                                                             25.7
                                                                                    24.2
##
   3652
                         6.3
                                                    7.6
##
   3653
           19.2
                  9.1
                         3.2
                               -1.1
                                      1.7
                                             1.9
                                                    7.5
                                                         10.6
                                                                17.6
                                                                      20.5
                                                                             26.6
                                                                                    24.4
           18.4
   3654
                 13.8
                         3.7
                                2.3
                                             6.0
                                                          9.7
                                                                18.1
                                                                      24.8
                                                                             24.9
                                                                                    23.6
##
                                      2.0
                                                    9.4
##
   3655
           17.2
                 13.3
                         3.6
                                2.6
                                      1.7
                                             6.2
                                                    7.7
                                                         13.3
                                                                17.8
                                                                      21.5
                                                                             23.7
                                                                                    23.2
                                                         11.9
##
   3656
           16.3
                 12.4
                         8.0
                              -1.7
                                     -5.4
                                             1.3
                                                    7.2
                                                                16.8
                                                                      20.9
                                                                             26.7
                                                                                    24.1
   3657
           18.2
                 10.0
                         6.1
                               -0.7
                                      3.9
                                             4.5
                                                    6.6
                                                         12.0
                                                                19.4
                                                                      20.5
                                                                             25.0
##
                 10.2
                                            -2.3
                                                         14.1
   3658
           17.4
                         4.5
                                3.1
                                      2.6
                                                    2.0
                                                                15.1
                                                                      22.0
                                                                             24.1
                                                                                    24.7
##
           19.0
                  8.2
                         4.5
                                2.4
                                      5.1
                                             5.5
                                                   6.5
                                                         13.1
                                                                17.3
                                                                      21.3
                                                                             25.1
##
   3659
                                                                                    24.8
                 12.2
                         5.8
                                2.2
                                      3.5
##
   3660
           19.3
                                            13.5
                                                  -1.2
                                                         14.7
                                                                 0.7
                                                                      24.6
                                                                             24.7
                                                                                    22.2
   3661
           15.9
                 10.2
                         7.0
                               8.0
                                     16.3
                                            18.1
                                                  24.1
                                                         22.6
                                                                19.3
                                                                       9.0
                                                                             23.0
                                                                                     5.7
##
   3662
            2.0
                 14.1
                        22.9
                               21.9
                                     14.9
                                            18.4
                                                    1.6
                                                          3.2
                                                                11.6
                                                                      16.3
                                                                             21.5
                                                                                    22.7
                        14.9
                                                  -7.5
##
   3663
           22.9
                 19.0
                                5.3
                                      7.9
                                             0.0
                                                         -2.0
                                                                 3.4
                                                                        5.3
                                                                             13.3
                                                                                    19.7
                               11.2
   3664
           23.7
                 21.6
                        17.7
                                     -1.5
                                            -0.7
                                                  -1.7
                                                         -1.0
                                                                -0.3
                                                                        4.3
                                                                             13.5
                                                                                    17.2
##
##
   3665
           21.7
                 20.1
                        12.8
                                6.8
                                      3.9
                                            -1.2
                                                   -5.2
                                                         -6.4
                                                                -0.2
                                                                        8.4
                                                                              9.6
                                                                                    16.0
##
   3666
           21.9
                 20.9
                        14.0
                                7.8
                                      1.7
                                            -0.8
                                                   -3.6
                                                          0.2
                                                                -2.5
                                                                      10.4
                                                                              9.6
                                                                                    16.4
##
   3667
           23.1
                 23.2
                        15.3
                              10.2
                                      2.7
                                            -2.1
                                                   -4.8
                                                         -4.2
                                                                -3.3
                                                                        4.7
                                                                             12.6
                                                                                    15.7
                                9.9
                                                   -3.0
                                                         -3.6
##
   3668
           20.6
                 21.4
                        15.1
                                      0.9
                                            -4.2
                                                                13.6
                                                                        1.4
                                                                             -1.3
                                                                                    -1.4
   3669
                        13.3
                                     20.1
                                            12.6
                                                   7.0
                                                          0.8
                                                                -5.5
                                                                       -3.6
                                                                             -2.6
                                                                                    -2.5
##
            3.1
                 11.2
                              21.1
   3670
            8.5
                 12.0
                        19.4
                               21.5
                                     21.3
                                            17.2
                                                   9.7
                                                         -1.9
                                                                 0.7
                                                                       -3.5
                                                                              8.9
                                                                                    19.0
##
   3671
          23.2
                 21.6
                        17.0
                               10.4
                                      4.3
                                            -3.6
                                                  -1.9
                                                          2.8
                                                                -3.3
                                                                       8.1
                                                                             11.6
                                                                                    17.7
##
##
   3672
           25.0
                 21.9
                         7.7
                                4.4
                                     -1.3
                                            -4.9
                                                   -6.0
                                                         -3.2
                                                                 6.1
                                                                      12.7
                                                                             15.2
                                                                                    23.4
   3673
          22.8
                 16.0
                        10.2
                              -3.1
                                     -2.4
                                            -2.6
                                                   -4.8
                                                          0.6
                                                                 4.4
                                                                      12.8
                                                                             21.0
                                                                                    21.7
##
   3674
           19.6
                 16.2
                        10.3
                               -0.8
                                     -1.8
                                            -8.5
                                                    0.0
                                                          1.4
                                                                 3.4
                                                                      10.6
                                                                             16.0
                                                                                    22.5
##
                                            -2.2
          21.5
                 13.5
                         7.8
                              -1.4
                                      0.4
                                                   -0.5
                                                         -2.1
                                                                 4.3
                                                                      15.0
                                                                             17.2
                                                                                    18.6
##
   3675
          22.0
                 15.9
                         9.6
                               1.3
                                     -1.7
                                            -3.9
                                                   -5.0
                                                          0.3
                                                                 5.3
   3676
                                                                      10.2
                                                                             19.5
   3677
          21.9
                 14.0
                         6.6
                              -0.5
                                     -0.3
                                            -7.1
                                                   0.4
                                                         18.1
                                                                22.6
                                                                      20.4
                                                                             15.8
                                                                                     8.5
##
                 -3.3
                                                                      22.4
##
   3678
            0.9
                        -2.0
                              -0.5
                                      2.2
                                             4.7
                                                   12.0
                                                         19.2
                                                                21.4
                                                                             10.7
                                                                                     7.0
           -0.8
                 -5.1
                              -2.6
                                             7.7
##
   3679
                       -8.8
                                     -1.3
                                                   12.2
                                                         16.2
                                                                20.1
                                                                      20.1
                                                                             14.5
                                                                                    10.2
                 -0.9 -10.0
##
   3680
            4.2
                                0.3
                                      1.5
                                             5.7
                                                   12.9
                                                         18.1
                                                                22.5
                                                                      21.5
                                                                             17.6
                                                                                    12.3
   3681
            3.4
                 -3.6
                       -4.3
                              -5.6
                                     -3.8
                                             4.1
                                                  12.1
                                                         15.9
                                                                23.7
                                                                      19.3
                                                                             13.5
##
                                                                                     8.5
##
   3682
            0.0
                 -3.8
                         0.4
                              -2.3
                                      2.3
                                             6.1
                                                  10.8
                                                         18.5
                                                                22.6
                                                                      17.9
                                                                             11.9
                                                                                     8.6
   3683
            1.2
                 -4.0
                        20.3
                               16.5
                                      6.8
                                             3.4
                                                  -2.2
                                                                -3.5
                                                                                    15.5
##
                                                         -6.2
                                                                        2.4
                                                                             10.4
##
   3684
           21.4
                 22.7
                        13.5
                                6.7
                                      0.3
                                            -4.2
                                                  -0.5
                                                         -0.4
                                                                 2.1
                                                                        8.7
                                                                             15.5
                                                                                    21.7
                 15.3
                                                  -2.3
##
   3685
           23.4
                         8.8
                               -0.3 -11.2
                                            -5.2
                                                          1.0
                                                                12.2
                                                                      16.4
                                                                             21.2
                                                                                    21.5
   3686
           11.4
                  4.5
                         1.4
                               -4.6
                                     -8.6
                                            -6.6
                                                   0.8
                                                         12.9
                                                                16.6
                                                                      21.6
                                                                             19.2
##
                                                                                    11.4
##
   3687
            7.1
                 -6.2
                        -5.2
                               -0.2
                                     -1.9
                                             6.0
                                                    6.9
                                                         10.5
                                                                20.0
                                                                      20.6
                                                                             20.6
                                                                                    13.3
            7.8
##
  3688
                  0.0
                        -3.3
                              -5.0
                                     -1.2
                                             0.0
                                                  10.0
                                                         14.2
                                                                18.3
                                                                      21.5
                                                                             19.1
                                                                                    14.9
## 3689
            8.3
                  1.7
                        -4.4
                              -6.5
                                     -2.5
                                             0.0
                                                   7.8
                                                         12.3
                                                               22.6
                                                                      23.1
                                                                             21.0
                                                                                   14.5
```

```
## 3690
           9.9
                  1.1 -3.2 -3.3 -11.2
                                            2.0
                                                  7.2 12.2 16.2
                                                                     23.0
                                                                           20.5
                                                                                 14.6
                                                                                  17.3
## 3691
           7.9
                  2.9
                       -4.4
                             -1.6
                                    -2.3
                                            1.9
                                                  6.8
                                                        10.3
                                                              18.1
                                                                     21.0
                                                                           20.3
                                                                           22.2
## 3692
           7.9
                  2.7
                       -9.0
                             -5.9
                                     1.9
                                            2.5
                                                  5.6
                                                        11.0
                                                              18.3
                                                                     21.9
           7.8
  3693
                 -0.9
                       -2.3
                             -2.2
                                     2.4
                                            4.8
                                                  9.4
                                                        13.4
                                                              17.6
                                                                     19.6
                                                                           20.2
                                                                                  16.2
##
##
   3694
          10.4
                  0.2
                       -5.6
                              -5.8
                                    -6.9
                                            3.5
                                                  6.6
                                                        13.4
                                                              15.7
                                                                     19.3
                                                                           20.0
                                                                                  14.6
  3695
           8.6
                 -1.4
                       -1.7
                             -1.7
                                    -3.8
                                            5.3
                                                  8.2
                                                        16.1
                                                              20.0
                                                                     21.9
                                                                           23.0
##
                                                                                  17.1
                       -0.1
                             -2.6
                                    -0.6
                                            2.7
                                                              15.2
                                                                     20.6
   3696
           7.6
                  0.1
                                                  4.7
                                                         9.1
                                                                           22.6
                                                                     21.0
                       -2.0
                             -6.2
                                    -2.2
                                           -0.7
                                                        10.3
##
  3697
           6.7
                  2.9
                                                  6.3
                                                              18.0
                                                                           20.1
                                                                                  13.4
##
   3698
           7.1
                  0.5
                       -3.2
                             -5.7
                                    -3.8
                                            2.8
                                                  1.7
                                                        10.9
                                                              17.3
                                                                     20.5
                                                                           20.3
                                                                                  15.6
                       -5.0
                             -3.5
                                    -0.3
                                          -0.1
                                                              13.5
##
   3699
           8.3
                  0.1
                                                  6.0
                                                        12.6
                                                                     22.7
                                                                           21.2
                                                                                  18.1
   3700
           7.0
                  3.3
                       -4.1
                             -2.5
                                     0.4
                                            2.8
                                                  3.7
                                                        10.2
                                                              16.4
                                                                     22.3
                                                                           21.2
                                                                                  12.5
                       -1.1
  3701
           8.7
                  6.9
                             -2.5
                                     1.0
                                            2.9
                                                  7.1
                                                        12.9
                                                              16.4
                                                                     22.7
                                                                           22.6
                                                                                  13.9
##
                       -6.6
##
  3702
           7.9
                 -5.9
                             -4.1
                                    -5.6
                                            1.8
                                                  7.2
                                                        12.9
                                                              18.4
                                                                     23.4
                                                                           22.4
                                                                                  16.3
## 3703
           7.9
                       -3.7
                             -4.5
                                    -2.8
                                                        10.2
                                                              18.7
                                                                     23.2
                                                                           19.2
                  3.8
                                           -3.4
                                                  6.1
                                                                                  14.9
## 3704
           3.5
                  0.6
                       -2.0
                             -0.4
                                    -5.4
                                            2.0
                                                  7.6
                                                        11.9
                                                              15.3
                                                                     22.9
                                                                           22.5
                                                                                  13.0
## 3705
           9.6
                 -1.0
                       -1.6
                             -2.2
                                    -2.7
                                            3.1
                                                  6.8
                                                        11.9
                                                              15.6
                                                                     20.2
                                                                           18.1
                                                                                  14.9
## 3706
           8.4
                  0.8
                       -1.1
                             -2.1
                                     0.2
                                            2.2
                                                  5.7
                                                        10.4
                                                              16.7
                                                                     22.6
                                                                           19.2
                                                                                  16.2
##
  3707
           9.1
                  3.2
                       -4.0
                             -0.5
                                    -4.7
                                            1.3
                                                  8.3
                                                        12.5
                                                              19.9
                                                                     24.1
                                                                           21.0
                                                                                 12.7
## 3708
           6.9
                       -2.4
                             -7.0
                                    -2.3
                                            4.6
                                                  6.0
                                                        12.4
                                                              17.8
                                                                     23.7
                                                                           21.5
                  2.3
                                                                                 15.2
## 3709
           8.6
                  2.1
                       -6.1
                              -6.4
                                    -2.3
                                            0.3
                                                  4.3
                                                         9.9
                                                              15.2
                                                                     21.9
                                                                           20.2
                                                                                  13.3
                                                                     19.4
                                                                           18.6
## 3710
           7.2
                  3.7
                       -6.5
                             -3.3
                                    -0.2
                                            0.8
                                                  4.5
                                                        11.8
                                                              15.3
                                                                                  15.2
## 3711
           2.8
                  3.6
                       -9.0
                             -3.0
                                    -4.4
                                            3.4
                                                  5.1
                                                         8.0
                                                              16.1
                                                                     20.7
                                                                           21.3
## 3712
           10.2
                 -0.3
                       -2.7
                             -4.0
                                    -5.0
                                            2.8
                                                  5.2
                                                         8.6
                                                              15.8
                                                                     22.8
                                                                           22.0
                                                                                  15.5
           9.2
                  0.4
                       -4.4
                             -2.2
                                    -3.7
                                            6.7
                                                  8.4
                                                        12.2
                                                              19.9
                                                                     24.0
                                                                           21.5
                                                                                  16.2
## 3713
           7.1
                  4.1
                       -3.0
                             -3.7
                                            1.0
                                                              18.4
                                                                           22.1
## 3714
                                    -3.5
                                                  2.5
                                                        12.4
                                                                     22.3
                                                                                  16.5
## 3715
           5.3
                  0.5
                       -6.4
                             -4.4
                                    -7.2
                                            1.9
                                                  6.0
                                                        11.6
                                                              15.6
                                                                     21.3
                                                                           19.8
                                                                                  15.2
                       -1.9
## 3716
          10.1
                 -1.8
                             -2.6
                                    -0.8
                                            4.4
                                                  6.7
                                                         9.2
                                                              19.2
                                                                     20.6
                                                                           20.4
                                                                                  17.8
## 3717
                       -3.5
                             -3.2
                                            3.2
                                                         9.8
                                                              19.8
          10.8
                  0.7
                                     0.1
                                                  6.3
                                                                     22.1
                                                                           19.5
                                                                                  14.6
                       -7.3
## 3718
          10.4
                  5.0
                             -6.1
                                    -0.1
                                            5.4
                                                        11.0
                                                              17.8
                                                                     23.3
                                                                           19.6
                                                                                 13.9
                                                  6.1
                       -4.3
## 3719
           6.5
                  3.7
                             -2.1
                                    -6.2
                                            1.9
                                                  5.4
                                                        13.1
                                                              18.0
                                                                     21.7
                                                                           20.0
                                                                                  15.5
## 3720
           6.0
                  0.6
                       -2.9
                              -2.8
                                    -6.7
                                           -1.2
                                                  6.5
                                                         7.8
                                                              15.7
                                                                     21.7
                                                                           20.9
                                                                                  16.4
## 3721
           2.7
                 -0.5
                       -2.9
                             -2.4
                                    -5.7
                                            2.2
                                                  4.0
                                                        11.7
                                                              17.7
                                                                     22.1
                                                                           21.9
                                                                                  14.3
                  2.9
                       -3.1
                              -3.6
## 3722
           5.9
                                    -8.3
                                            0.1
                                                  4.9
                                                        10.7
                                                              20.2
                                                                     22.9
                                                                           20.1
                                                                                  16.5
                                                                           24.6
## 3723
           8.5
                  4.6
                       -0.2
                              -2.9
                                     3.6
                                            6.0
                                                  8.6
                                                        15.1
                                                              20.5
                                                                     23.8
                                                                                  25.9
## 3724
          21.5
                 17.1
                       12.9
                               6.5
                                     3.2
                                            2.7
                                                 10.6
                                                        16.0
                                                              21.0
                                                                     26.4
                                                                           26.9
                                                                                  25.8
## 3725
          23.1
                 17.2
                       11.2
                               1.6
                                     6.3
                                            7.6
                                                  9.4
                                                        16.9
                                                              20.2
                                                                     25.1
                                                                           27.1
                                                                                  25.6
## 3726
          22.5
                15.3
                       12.3
                               9.5
                                     7.0
                                            8.3
                                                 15.2
                                                        14.6
                                                              20.6
                                                                     23.2
                                                                           27.7
## 3727
          22.1
                 16.9
                        9.0
                               9.7
                                     6.5
                                            6.0
                                                  7.2
                                                        16.8
                                                              21.2
                                                                     24.2
                                                                           26.5
                                                                                  26.0
## 3728
          21.3
                17.8
                       10.5
                               8.1
                                     2.9
                                            5.2
                                                  7.9
                                                        16.6
                                                              22.8
                                                                     25.6
                                                                           25.9
                                                                                  24.3
                                            2.8
## 3729
          24.2 19.0
                       10.8
                               7.6
                                     4.7
                                                  8.2
                                                        17.4
                                                              22.9
                                                                     26.7
                                                                           26.7
                                                                                  26.1
          25.2
                18.3
                       14.4
                              14.0
                                     6.4
                                            8.0
                                                 13.1
                                                        16.1
                                                              19.9
                                                                           29.7
## 3730
                                                                     25.8
## 3731
          24.1
                18.7
                        9.7
                               7.7
                                     6.8
                                          11.4
                                                 10.1
                                                        17.8
                                                              18.9
                                                                     23.8
                                                                           28.0
                                                                                  23.9
                18.3
                       11.4
                                           10.3
## 3732
          21.4
                               6.4
                                     3.8
                                                  7.9
                                                        14.1
                                                              22.0
                                                                     24.7
                                                                           24.6
                                                                                  26.2
                 18.9
                       12.3
                               8.8
                                          10.0
                                                 10.0
                                                        18.6
                                                              22.0
                                                                     25.9
## 3733
          26.7
                                     7.2
                                                                           25.7
                                                                                  24.9
                       10.3
                                                 13.9
## 3734
          24.7
                 19.6
                               9.4
                                     7.8
                                            8.1
                                                        13.5
                                                              17.4
                                                                     23.2
                                                                           26.7
                                                                                  26.8
                17.7
                       13.1
                               6.5
                                                 -5.7
                                                        10.4
## 3735
          21.9
                                     4.6
                                          -1.9
                                                              14.6
                                                                     21.8
                                                                           21.8
                                                                                  22.0
                        3.1
## 3736
          19.1
                 14.2
                               3.5
                                    -5.5
                                          17.8
                                                 19.4
                                                        13.9
                                                               9.4
                                                                      7.8
                                                                           12.8
                                                                                  -3.0
## 3737
          12.3
                 -6.6
                       16.1
                              13.3
                                    19.0
                                            2.1
                                                 -0.8
                                                                                  19.1
                                                         8.8
                                                               6.6
                                                                    11.4
                                                                           17.2
##
  3738
          23.7
                 25.8
                       25.7
                              21.5
                                    14.5
                                          10.8
                                                  8.3
                                                         6.9
                                                               5.1
                                                                     13.7
                                                                           15.0
                                                                                  20.5
                       28.7
## 3739
          24.4
                 24.8
                              24.1
                                    18.7
                                           10.9
                                                  9.3
                                                         4.5
                                                               8.8
                                                                     11.1
                                                                           15.7
                                                                                  19.8
## 3740
          26.5
                 26.0
                       25.0
                              21.7
                                    14.4
                                            9.1
                                                  8.2
                                                         4.3
                                                               7.2
                                                                    10.3
                                                                           15.4
                                                                                  20.3
                       25.2
                                                                    10.5
## 3741
          24.9
                24.8
                             21.7
                                    15.0
                                          11.8
                                                  4.6
                                                         2.7
                                                               3.1
                                                                           17.1
                                                                                  21.6
## 3742
          25.7
                 27.0
                       27.2
                             23.7
                                    16.2
                                          10.5
                                                  1.6
                                                         2.6
                                                               8.6
                                                                    11.4
                                                                           17.4
                                                                                  20.9
          25.4 27.6 25.4 21.7
## 3743
                                    14.1
                                          11.2
                                                  8.8
                                                         7.1
                                                               8.4
                                                                   16.3 16.2
                                                                                 21.7
```

```
23.7 26.3 24.5 21.4 15.5
                                                          6.0
## 3744
                                        8.8
                                              9.4
                                                    7.3
                                                                7.8 16.0 19.2
## 3745
         23.6
              24.9
                     23.8 21.5
                                 16.9
                                        8.6
                                                    2.0
                                                          7.5
                                                                8.5
                                                                     16.2
                                                                           20.7
                                              8.0
## 3746
         25.1
               24.5
                     24.1 21.8
                                 16.6
                                        8.0
                                              7.7
                                                    4.5
                                                          3.0
                                                               12.0
                                                                     16.7
## 3747
                     25.4 22.2
         25.6 26.8
                                 15.2
                                       12.4
                                             13.1
                                                    4.1
                                                          7.1
                                                               14.9
                                                                     16.6
## 3748
         25.5
               27.2
                     27.2 24.3
                                 17.7
                                       12.4
                                              7.4
                                                    8.9
                                                         11.6
                                                               12.1
                                                                     18.0
                                                                           20.5
## 3749
         23.9
              26.3 25.0 22.0 17.1
                                       11.1
                                              7.4
                                                    3.8
                                                         12.3
                                                                9.9
                                                                     14.9
                                                                           22.4
         25.7 25.8
                     25.2 25.2 17.1
                                        9.0
                                              7.9
                                                          9.6
                                                               10.4
## 3750
                                                    6.4
                                                                     17.0
                                                          9.1
         24.8 26.4
                     25.0
                           24.8
                                 19.7
                                                               14.8
## 3751
                                        9.6
                                              8.6
                                                    8.0
                                                                     15.7
                                                                            18.9
## 3752
         23.6 26.6
                     24.9
                           21.4
                                 17.6
                                       12.9
                                              6.0
                                                    5.5
                                                          6.2
                                                               13.3
                                                                     15.6
                                                                            19.7
## 3753
               25.6
                     25.7
                           21.6
                                        9.3
                                                    4.7 -17.5
                                                               -7.9
                                                                     -7.0
                                                                            9.6
         24.1
                                 18.3
                                             11.4
                                             -3.9
## 3754
         11.4 15.5
                     21.9
                           21.2
                                 14.3
                                        0.5
                                                   -3.6
                                                          3.3
                                                               13.8
                                                                     16.0
                                                                           22.3
## 3755
                            2.2
                                 -7.5 -19.9 -11.9
                                                   -4.1
         22.7 16.2
                      6.6
                                                         10.7
                                                               17.1
                                                                      21.0
                                                                           13.5
## 3756
          6.7
               -3.7
                     -6.9
                           -5.9
                                 -2.7
                                        0.4
                                             11.1
                                                   17.8
                                                         22.3
                                                               24.9
                                                                     12.8
                                                                            8.2
## 3757
          0.3 - 19.2
                     -7.0
                            0.8
                                 -0.3
                                       13.4
                                             18.2
                                                   24.0
                                                         23.9
                                                               10.9
                                                                      5.4
                                                                           -1.4
## 3758
        -13.6 -12.8
                     -9.6
                            0.5
                                 15.3
                                       16.3
                                             22.8
                                                   17.8
                                                         10.0
                                                                5.9 -12.1 -10.4
## 3759
         -5.7 -11.7
                      4.7
                            6.4
                                 13.3
                                       20.6
                                             20.6
                                                   21.1
                                                         11.1
                                                                8.9
                                                                     -3.9
                                                                           -3.9
## 3760
         -4.4 -0.6
                      0.6
                           11.1
                                 15.5
                                       20.1
                                             21.3
                                                   18.2
                                                         15.9
                                                                7.2
                                                                      2.8
                                                                           -3.8
## 3761
        -12.0 -7.7
                      2.1
                            8.3
                                 17.0
                                       24.9
                                             23.1
                                                   21.4
                                                         14.2
                                                                8.3
                                                                     -1.6
                                                                           -7.2
## 3762
         -9.8 -15.7
                     -5.1
                            6.4 13.0
                                       17.7
                                             23.9
                                                   21.2
                                                         14.7
                                                                7.5
                                                                     -0.1
                                                                           -9.8
         -4.9 -5.3
## 3763
                      1.8
                            6.6 12.9
                                       18.9
                                             21.4
                                                   22.2
                                                         17.8
                                                                7.4
                                                                     -0.6 -12.2
                                                                     -2.4 -3.9
## 3764
        -13.3 -0.1
                      1.0
                            7.6 13.5
                                       18.6 21.8
                                                   23.9
                                                         14.9
                                                                5.5
## 3765
         -3.0 -0.8
                      4.1
                            7.8
                                 14.3
                                       18.4
                                             17.8
                                                   19.0
                                                         13.8
                                                                7.7
                                                                     -0.2 -10.6
## 3766
        -15.1 -13.6
                      1.3
                            7.7
                                 14.3
                                       16.2 17.1
                                                   18.1
                                                         12.4
                                                                7.1 -3.8 -4.8
        -13.6 -14.9
                      2.4
                            7.0
                                 14.3
                                       17.4
                                             21.2
                                                   21.5
                                                         17.0
                                                                7.3
                                                                     -1.2
                                                                           -6.4
## 3767
                                             20.1
        -10.2 -3.7
                     -1.2
                                 11.5
                                       18.3
                                                   21.2
## 3768
                            3.7
                                                         14.1
                                                                7.0 - 2.8 - 11.4
                                             21.3
## 3769
        -17.9 - 7.9
                     -7.2
                            5.9
                                 10.0
                                       18.6
                                                   22.6
                                                         13.2
                                                                 6.4
                                                                     -8.5 -14.1
## 3770
        -15.9 -7.3 -2.5
                            4.6
                                 12.1
                                       19.9
                                             21.0
                                                   21.1
                                                         17.2
                                                                7.6
                                                                     -1.4
                                                                           -3.2
        -12.0
                0.2
                     -2.5
                                 14.4
                                       15.4
                                                   23.7
                                                                           -8.0
## 3771
                            8.9
                                             23.4
                                                         18.8
                                                                 8.1
                                                                      0.5
        -10.8 -3.3
                      1.7
## 3772
                            6.9
                                12.0
                                       16.8
                                             20.2
                                                   21.7
                                                         12.3
                                                                7.9
                                                                      4.5
                                                                           -1.6
## 3773
         -8.3 -5.3
                      2.5
                            6.9
                                 13.6
                                       16.2
                                             22.6
                                                   21.5
                                                         14.5
                                                                7.8
                                                                     -7.5 - 13.3
                                                                 7.0
## 3774
         -6.6 -13.1
                      0.5
                            7.4
                                 14.1
                                       16.9
                                             21.8
                                                   22.8
                                                         16.5
                                                                      2.3
                                                                           -6.6
## 3775
         -7.7 -4.0 -10.5
                            3.5
                                 10.0
                                       17.8
                                             23.0
                                                   18.7
                                                         15.3
                                                                 2.3
                                                                      1.1
                                                                           -4.5
         -8.8 -9.2 -3.1
## 3776
                            8.8
                                 12.6
                                       17.2
                                             23.5
                                                   24.6
                                                         14.0
                                                                10.1
                                                                      -6.4
                                                                           -6.8
                                                         15.0
## 3777
        -14.2 -10.2
                      1.2
                            8.7
                                 10.7
                                       14.8
                                             20.7
                                                   18.2
                                                                 6.4
                                                                           -4.8
                                                                      0.5
## 3778
        -13.8 -3.4
                      2.0
                            8.7
                                 11.4
                                       17.9
                                             22.5
                                                   20.5
                                                         15.7
                                                                8.2
                                                                      1.1
                                                                            -8.9
## 3779
         -1.5 -6.1
                     -0.8
                            9.5
                                14.5
                                       19.3
                                             25.1
                                                   22.1
                                                         14.4
                                                                4.6
                                                                     -1.6
                                                                           -5.9
## 3780
         -7.1 - 9.5
                      4.0
                            6.7 13.4
                                       19.0
                                             25.9
                                                   21.4
                                                         14.9
                                                                8.1
                                                                     -0.4
                                                                           -7.1
## 3781
        -10.0 -9.0
                      0.3
                            5.5 12.3
                                       16.0
                                             21.9
                                                   21.5
                                                         14.3
                                                                7.3
                                                                      1.5 - 13.7
## 3782
        -12.1 -9.9
                     -3.6
                            6.1
                                 12.2
                                       17.1
                                             20.5
                                                   19.9
                                                         18.5
                                                                 4.0
                                                                      2.7 - 15.9
## 3783
        -11.1 -12.3
                      0.5
                            7.4 10.2
                                       17.2
                                             20.8
                                                   21.0
                                                         13.7
                                                                 9.0 -3.6 -11.7
        -12.3 -13.1
                     -6.6
                            4.9 10.8
                                       16.2
                                             22.4
                                                   22.1
                                                         16.7
                                                                 9.7
                                                                     -1.3
## 3784
## 3785
         -4.9 -5.6
                      5.7
                            8.5 11.9
                                       18.1
                                             24.6
                                                   21.7
                                                         16.2
                                                                5.3 -2.6
                                                                           -9.0
## 3786
         -9.4 -4.3
                     -4.2
                                                   22.5
                                                         17.5
                            3.5
                                 14.1
                                       17.6
                                             21.1
                                                                 6.3
                                                                     -2.2 -13.6
         -7.6 -11.7
                     -2.5
                                       16.6
                                             22.0
                                                   20.9
                                                                           -5.3
## 3787
                            5.9 12.7
                                                         14.3
                                                                9.4
                                                                     -6.0
## 3788
         -6.7 -6.9
                      3.4
                                                                           -5.8
                            7.7
                                 12.1
                                       19.7
                                             21.9
                                                   21.3
                                                         15.8
                                                                9.5
                                                                     -0.4
         -8.7 -0.6
                       3.7
                            7.8
                                                   20.4
                                                                7.0
## 3789
                                 13.7
                                       18.9
                                             20.7
                                                         14.6
                                                                      3.8 -10.8
        -11.4 -5.0
## 3790
                      0.7
                            7.4
                                 14.1
                                       19.4
                                             25.4
                                                   20.9
                                                         15.0
                                                                 6.9
                                                                     -1.9
                                                                            -7.6
## 3791
        -16.5
               -4.2
                      3.9
                                 19.6
                                       23.3
                                             22.0
                                                          6.3
                                                                     -4.2
                                                                           -5.4
                           17.1
                                                   13.1
                                                               -1.3
## 3792
        -19.6
              -5.1
                      8.2
                          11.5 18.7
                                       22.0
                                             21.2
                                                   15.2
                                                          4.5
                                                               -2.2
                                                                     -6.4
                                                                           -7.6
         -4.4
                0.8
                      5.2
                                       22.0
## 3793
                           13.6
                                 18.8
                                             23.0
                                                   15.6
                                                          4.1
                                                               -0.2
                                                                     -2.6
                                                                           -2.6
                           11.9
## 3794
        -11.7
                4.2
                      6.9
                                 22.4
                                       26.2
                                             21.8
                                                   17.5
                                                         10.0
                                                                2.8 - 10.5
                                                                           -8.3
          2.2
                3.3
                     13.9 17.2 22.6 24.3 24.0
## 3795
                                                   20.6
                                                         17.0
                                                                7.3
                                                                      8.4
                                                                            1.2
## 3796
         13.8 14.0 18.3 21.3 25.0 22.6 21.0
                                                   16.9
                                                          7.9
                                                                9.6 12.0
                                                                           13.8
         16.4 22.1 25.0 23.5 21.1 18.5 12.1
## 3797
                                                    8.3
                                                          8.0 10.9 13.1 15.3
```

```
## 3798
          19.7 20.1
                       24.2
                            22.9
                                   22.8 17.3
                                                12.8
                                                        8.9
                                                              8.4
                                                                     9.6
                                                                         12.9
                                                                                13.5
## 3799
                                                                   11.0
          18.8
                20.4
                       23.0
                             24.0
                                   23.9
                                          18.9
                                                10.9
                                                              7.0
                                                                          10.3
                                                                                16.1
                                                        8.7
                             23.5
                                                                    11.9
## 3800
          16.7
                23.3
                       25.7
                                   23.0
                                          11.8
                                                  8.6
                                                        7.3
                                                              8.4
                                                                          15.7
                                                                                 17.8
                             22.2
                                    16.2
                                          10.9
                                                 7.9
                                                                    21.0
                                                                          22.9
##
  3801
          21.2
                24.3
                       23.4
                                                        5.6
                                                             10.5
                                                                                 23.3
##
   3802
          22.7
                 16.9
                        9.9
                              9.4
                                     8.5
                                          10.2
                                                12.7
                                                       16.1
                                                             21.3
                                                                    23.6
                                                                          17.3
                                                                                 11.2
  3803
           6.4
                  3.5
                        8.1
                            16.8
                                   18.2
                                          23.0
                                                23.7
                                                       22.2
                                                             22.6
                                                                    17.0
                                                                          13.9
                                                                                  6.8
##
                10.6
                      12.0
                             16.7
                                    19.1
                                          21.1
                                                25.1
                                                       25.0
                                                             22.1
                                                                    18.3
   3804
           6.4
                                                                          14.5
                                                                                 10.5
           8.1
                      12.1
                             14.9
                                   19.0
                                          21.2
                                                23.6
                                                       23.4
                                                             22.2
##
  3805
                10.0
                                                                   17.5
                                                                          12.5
                                                                                  7.8
##
   3806
           7.0
                  9.8
                      10.5
                             15.5
                                   19.9
                                          19.1
                                                25.0
                                                       24.0
                                                             23.6
                                                                    19.4
                                                                          11.0
                                                                                  9.0
          10.9
                10.6
                      12.0
                             14.8
                                   16.4
                                          20.4
                                                26.0
                                                             23.0
                                                                                  9.0
##
   3807
                                                       22.3
                                                                    17.7
                                                                          12.8
   3808
           8.4
                  9.9
                       11.1
                             17.2
                                   19.4
                                          21.9
                                                 25.6
                                                       21.7
                                                             21.2
                                                                    17.5
                                                                          11.4
                                                                                  7.0
   3809
           6.0
                  9.0
                       12.4
                             12.6
                                   19.0
                                          21.2
                                                23.5
                                                       24.6
                                                             22.7
                                                                    18.0
                                                                          11.4
                                                                                 10.2
##
##
   3810
           9.2
                  8.5
                       12.6
                             15.0
                                   18.5
                                          23.1
                                                24.0
                                                       22.9
                                                             22.4
                                                                    16.9
                                                                          12.3
                                                                                  7.2
                 11.5
                       13.2
                             15.9
                                   18.0
                                          24.8
                                                25.3
                                                       23.4
                                                             22.6
##
   3811
           6.7
                                                                    16.7
                                                                          11.4
                                                                                  7.9
   3812
           8.3
                12.7
                       11.1
                             15.7
                                    20.1
                                          22.0
                                                24.1
                                                       26.7
                                                             24.2
                                                                    20.6
                                                                          13.2
##
                                                                                 11.1
##
   3813
          10.2
                10.3
                       14.6
                             18.3
                                    18.8
                                          24.0
                                                 26.2
                                                       23.8
                                                             21.6
                                                                    19.7
                                                                          13.2
                                                                                  8.5
           8.3
                11.0
                       14.0
                             15.7
                                    18.5
                                          25.0
                                                25.9
                                                       24.2
                                                             22.7
                                                                    18.1
                                                                          11.9
                                                                                  7.5
##
  3814
##
   3815
           5.4
                10.7
                       11.2
                             15.6
                                   16.0
                                          23.6
                                                 26.0
                                                       25.5
                                                             20.8
                                                                    17.8
                                                                          11.3
                                                                                  7.2
  3816
                 8.9
                       10.6
                             16.5
                                   17.4
                                          22.0
                                                24.2
                                                       23.7
                                                             21.0
                                                                    16.3
                                                                          12.1
                                                                                  7.4
##
           5.3
## 3817
           5.1
                13.3
                       10.6
                             12.0
                                   16.7
                                          21.2
                                                23.3
                                                       23.9
                                                             23.3
                                                                    17.9
                                                                          10.9
                                                                                  5.1
                                   17.2
                                                                    19.3
## 3818
           7.3
                  9.7
                       11.3
                             14.9
                                          21.1
                                                24.4
                                                       24.3
                                                             21.3
                                                                          10.2
                                                                                  9.8
  3819
           7.4
                  9.6
                       11.7
                             14.1
                                   17.0
                                          19.4
                                                23.6
                                                       24.3
                                                             19.8
                                                                    18.8
                                                                          12.6
                                                                                 10.0
## 3820
           7.6
                  8.6
                      12.4
                             17.2
                                   19.1
                                          22.6
                                                22.7
                                                       24.9
                                                             22.2
                                                                    17.8
                                                                          12.6
                                                                                  7.8
           7.7
                       10.4
                              9.8
                                    18.4
                                          20.8
                                                25.6
                                                       26.1
                                                             23.8
                                                                    18.6
##
   3821
                  9.1
                                                                          13.4
                                                                                  6.7
                            15.4
                12.5
                      12.8
                                   18.2
                                          23.3
                                                24.6
                                                             22.3
                                                                                  6.4
## 3822
           6.3
                                                       22.8
                                                                    16.7
                                                                          11.3
   3823
           6.7
                  8.6
                      11.3
                             13.9
                                    19.4
                                          20.6
                                                24.6
                                                       25.5
                                                             23.3
                                                                    16.1
                                                                          12.2
                                                                                  8.9
##
  3824
           9.6
                11.1
                       12.7
                             13.4
                                   19.8
                                          21.9
                                                24.9
                                                       23.7
                                                             22.7
                                                                    16.7
                                                                          12.9
                                                                                  7.8
                       11.4
                             13.6
                                   16.6
                                          21.4
                                                             22.3
##
   3825
           7.4
                  9.0
                                                24.6
                                                       24.9
                                                                    16.2
                                                                          11.5
                                                                                  6.1
                      14.8
                                          22.5
                                                             20.8
   3826
           5.0
                10.8
                             14.8
                                   19.4
                                                24.5
                                                       24.4
                                                                    16.7
                                                                           9.8
                                                                                  4.8
##
##
   3827
           6.8
                11.7
                       10.6
                             16.0
                                    20.8
                                          23.7
                                                 24.9
                                                       23.4
                                                             21.6
                                                                    17.4
                                                                          11.1
                                                                                  8.3
##
  3828
           7.9
                  9.1
                       12.3
                             13.7
                                    17.7
                                          21.4
                                                 23.4
                                                       23.3
                                                             22.3
                                                                    19.1
                                                                          11.8
                                                                                  8.0
##
   3829
           6.3
                  9.6
                      10.1
                             11.0
                                   20.1
                                          22.9
                                                 25.2
                                                       24.9
                                                             25.2
                                                                    18.4
                                                                          12.6
                                                                                  8.6
##
   3830
           8.4
                11.1
                       12.6
                             14.4
                                   21.2
                                          23.3
                                                24.7
                                                       23.0
                                                             22.1
                                                                    18.9
                                                                          13.7
                                                                                  8.0
   3831
           6.6
                      10.6
                             16.8
                                   15.2
                                          22.3
                                                23.4
                                                       23.3
                                                             20.4
                                                                    17.7
                                                                          12.5
##
                11.2
                                                                                  9.8
   3832
          10.2
                11.1
                       14.0
                             13.2
                                   19.1
                                          21.1
                                                24.6
                                                       23.9
                                                             21.1
                                                                    18.3
                                                                           9.2
                                                                                  5.3
##
  3833
           7.5
                 9.3
                      12.5
                             13.8
                                   19.3
                                          22.2
                                                24.2
                                                       22.8
                                                             23.2
                                                                    17.8
                                                                          10.9
                                                                                  8.2
##
##
  3834
           8.3
                10.4
                      10.9
                             15.3
                                   17.1
                                          19.3
                                                24.9
                                                       21.9
                                                             20.5
                                                                    17.8
                                                                          11.9
                                                                                  7.4
##
  3835
           8.2
                  9.9
                      10.6
                             14.4
                                   18.2
                                          24.0
                                                23.9
                                                       23.4
                                                             22.6
                                                                    17.5
                                                                          15.7
                                                                                  9.2
   3836
           5.6
                10.3
                       10.4
                             13.1
                                    18.1
                                          19.1
                                                22.3
                                                       22.1
                                                             20.0
                                                                    16.1
                                                                           8.3
                                                                                  6.1
##
                             12.6
##
  3837
           6.1
                11.2 11.9
                                   17.9
                                          21.6
                                                22.3
                                                       24.8
                                                             23.8
                                                                    18.9
                                                                          12.1
                                                                                 10.6
   3838
           9.0
                10.1
                      14.1
                             21.7
                                    23.3
                                          24.9
                                                23.0
                                                       23.6
                                                             16.9
                                                                    11.9
                                                                           7.1
                                                                                  5.4
##
  3839
          10.4
                10.1 18.5
                             23.2
                                   24.1
                                          21.7
                                                20.3
                                                       16.5
                                                             10.0
                                                                     5.6
                                                                          11.1
                                                                                 12.6
                14.7
                       18.6
                             22.0
                                    23.9
                                          24.0
##
   3840
          14.9
                                                19.0
                                                       18.2
                                                             13.1
                                                                     7.6
                                                                           7.2
                                                                                 10.4
                       20.6
                             22.6
                                          23.8
##
  3841
          12.1
                17.1
                                   22.1
                                                22.1
                                                       19.8
                                                             11.9
                                                                     8.4
                                                                           8.8
                                                                                 12.3
                             22.7
                                    26.8
                                                22.5
   3842
          14.5
                16.1
                      18.1
                                          24.4
                                                       19.2
                                                             12.1
                                                                     7.8
                                                                           6.7
                                                                                  8.4
                                                             12.4
## 3843
          13.1
                17.4
                       18.8
                             22.4
                                    24.6
                                          23.2
                                                21.0
                                                       16.9
                                                                     6.8
                                                                           8.6
                                                                                  9.1
##
  3844
          13.0
                17.4
                       18.6
                             22.4
                                    25.4
                                          24.8
                                                23.3
                                                       19.3
                                                             11.7
                                                                     5.1
                                                                           8.5
                                                                                 12.8
          10.6
                14.5
                       17.4
                             21.3
                                   25.1
                                          22.9
                                                             13.2
                                                                     7.9
                                                                                 12.3
##
  3845
                                                23.8
                                                       20.5
                                                                           6.4
##
   3846
          13.4
                16.8
                       21.4
                             21.6
                                   24.0
                                          25.0
                                                22.4
                                                       19.3
                                                             11.9
                                                                     6.8
                                                                           7.4
                                                                                  9.7
##
   3847
          14.4
                14.7
                       18.4
                             22.1
                                    23.4
                                          23.4
                                                21.9
                                                       18.3
                                                             10.9
                                                                     7.0
                                                                           8.4
                                                                                  9.3
##
   3848
          13.8
                15.6
                       18.5
                             22.0
                                   23.4
                                          24.1
                                                22.2
                                                       17.2
                                                              8.9
                                                                     6.7
                                                                          10.9
                                                                                11.3
                      17.3
                                   23.4
                                                             15.2
## 3849
          11.9
                14.4
                            20.5
                                          23.9
                                                22.3
                                                       19.0
                                                                    10.6
                                                                           9.1
                                                                                12.4
## 3850
          13.7
                16.1
                      19.3
                             23.0
                                   26.1
                                          25.8
                                                21.7
                                                       18.0
                                                             12.7
                                                                    10.6
                                                                           9.0
                                                                                 11.6
          14.5 16.9 22.1 22.5
                                          24.4 23.9
## 3851
                                   24.6
                                                      17.7
                                                            13.7
                                                                     7.7
                                                                           9.7
                                                                                 10.1
```

```
## 3852
           12.9 14.1
                      15.0 19.5 23.8
                                           24.8
                                                  22.4
                                                       16.2
                                                              11.4
                                                                       5.8
                                                                             7.1
##
  3853
           10.4
                14.0
                       17.2
                              21.1
                                    22.3
                                           22.9
                                                  22.3
                                                        18.4
                                                               12.7
                                                                       8.1
                                                                                   11.0
                                                                             9.3
##
   3854
           13.2
                15.9
                       18.9
                              23.0
                                    22.3
                                           23.3
                                                  21.9
                                                        16.6
                                                                9.3
                                                                       8.4
                                                                             7.7
                                                                                    9.4
                              23.1
                                     23.1
                                           23.6
##
   3855
           14.1
                 13.3
                       22.2
                                                  21.7
                                                        18.9
                                                               13.4
                                                                       9.4
                                                                             7.2
                                                                                   10.4
##
   3856
           11.5
                 14.7
                       17.9
                              22.2
                                     24.6
                                           23.1
                                                  22.7
                                                        17.1
                                                               12.5
                                                                       9.9
                                                                            10.5
                                                                                   10.2
   3857
           13.3
                12.5
                       18.5
                              22.5
                                    26.3
                                           24.0
                                                  23.1
                                                        19.2
                                                               10.9
                                                                       9.6
                                                                             8.4
                                                                                   10.5
##
                       19.4
                              22.4
                                     24.0
                                           24.2
                                                  22.3
                                                        16.8
   3858
           15.5
                 17.0
                                                               10.7
                                                                       8.2
                                                                             7.6
                                                                                   11.3
                       18.4
                              20.7
                                     26.0
                                           24.6
                                                  20.5
                                                        17.5
##
  3859
           13.5
                 14.1
                                                               12.6
                                                                       9.7
                                                                             9.0
                                                                                   10.6
##
   3860
           9.9
                 14.2
                       19.5
                              23.5
                                     26.2
                                           22.7
                                                  21.1
                                                        16.0
                                                               12.1
                                                                       8.0
                                                                             6.6
                                                                                   10.4
                              22.1
                                                  20.4
                                                                       7.7
##
   3861
           14.4
                 15.7
                       19.1
                                     24.1
                                           24.1
                                                        16.3
                                                               12.9
                                                                             7.7
                                                                                    9.6
   3862
           12.2
                 14.4
                       19.5
                              22.5
                                     24.0
                                           24.4
                                                  22.3
                                                        17.9
                                                               13.1
                                                                       6.7
                                                                             8.6
                                                                                   10.5
                       20.4
                                                                       7.3
   3863
           12.4
                 15.4
                              21.8
                                     24.1
                                           23.9
                                                  23.8
                                                        16.7
                                                               11.5
##
                                                                             9.0
                                                                                   11.2
                       16.4
##
   3864
           12.0
                 13.1
                              22.5
                                     23.3
                                           22.2
                                                  22.8
                                                        18.1
                                                               11.3
                                                                      10.0
                                                                             7.9
                                                                                    9.0
   3865
                 14.5
                       16.5
                              20.7
                                           23.5
                                                  23.6
                                                        18.0
                                                               10.8
##
           11.8
                                     23.7
                                                                       7.6
                                                                             8.8
                                                                                   10.7
   3866
           11.6
                 15.2
                       19.4
                              21.7
                                     23.6
                                           24.4
                                                  22.7
                                                        18.3
                                                               13.0
                                                                       8.4
                                                                             6.8
##
                                                                                    9.5
##
   3867
           13.9
                 17.7
                        20.2
                              23.0
                                     24.6
                                           23.7
                                                  21.7
                                                        17.1
                                                               13.1
                                                                       7.4
                                                                            10.5
                                                                                   12.1
           14.8
                 16.6
                       20.5
                              23.1
                                     25.1
                                           24.0
                                                  23.5
                                                        19.9
                                                               13.5
                                                                      12.0
##
   3868
                                                                             9.1
                                                                                   12.9
##
   3869
           15.9
                 16.1
                       17.2
                              23.4
                                     23.9
                                           23.6
                                                  22.5
                                                        20.2
                                                               10.2
                                                                       8.2
                                                                            10.0
                                                                                   12.2
           13.8
                16.8
                                                  20.9
                                                                             8.0
   3870
                       19.4
                              23.0
                                     23.5
                                           21.9
                                                        16.5
                                                               12.3
                                                                       7.1
##
                                                                                   11.2
##
   3871
           13.3
                 14.8
                       19.1
                              22.8
                                    24.9
                                           23.7
                                                  22.4
                                                        17.2
                                                               12.4
                                                                       7.8
                                                                             9.7
                                                                                    9.7
                       17.7
                              21.8
                                                        17.8
##
  3872
           11.7
                 14.8
                                    24.2
                                           22.1
                                                  20.7
                                                               11.6
                                                                       9.2
                                                                            10.1
                                                                                    8.6
   3873
           12.1
                 16.9
                       17.2
                              23.2
                                     24.5
                                           25.5
                                                  22.3
                                                        17.3
                                                               13.1
                                                                      10.1
                                                                             9.3
                                                                                   12.1
           12.2
                16.6
                       20.7
                              23.6
                                     24.8
                                           26.4
                                                  24.3
                                                        20.4
                                                               11.5
                                                                       9.0
                                                                                   11.2
##
  3874
                                                                             9.3
           12.0
                 16.8
                       20.8
                              23.3
                                     25.1
                                           24.3
                                                  23.1
                                                        16.7
                                                               12.2
                                                                       7.7
                                                                             8.3
                                                                                    7.5
##
   3875
                         1.6
                                           25.3
                                                               24.3
                                                                      18.8
                                                                            11.2
##
  3876
           6.3
                  5.7
                              15.3
                                     19.5
                                                  26.8
                                                        27.1
                                                                                   11.9
   3877
           3.8
                  8.6
                         4.5
                              15.6
                                     14.7
                                            -1.6
                                                  13.7
                                                        20.6
                                                                9.1
                                                                       0.5
                                                                             2.6
                                                                                   16.9
##
  3878
          25.5
                 22.2
                       15.1
                               8.0
                                      4.7
                                            7.8
                                                  16.8
                                                        17.6
                                                               25.3
                                                                      23.1
                                                                            19.2
                                                                                    7.3
                        24.4
                                                  15.2
                                                               25.9
                                                                      22.2
##
   3879
           6.7
                 22.8
                              15.1
                                      6.4
                                            1.1
                                                        21.8
                                                                             5.7
                                                                                   11.9
                       26.5
                                                               17.3
   3880
           16.8
                 22.0
                              24.4
                                      3.0
                                             1.9
                                                   2.5
                                                        13.7
                                                                      23.6
                                                                            25.6
                                                                                   25.0
##
##
   3881
           20.9
                 17.2
                         6.7
                               7.2
                                      0.1
                                           -1.6
                                                   1.6
                                                        10.2
                                                               19.0
                                                                      22.7
                                                                            24.4
                                                                                   24.6
                         7.9
##
   3882
           17.3
                 14.1
                               0.6
                                     -4.6
                                             4.0
                                                   7.2
                                                        15.6
                                                               22.6
                                                                      25.8
                                                                            22.2
                                                                                   18.4
##
   3883
           9.4
                  1.0
                       -4.3 -11.6
                                     -1.0
                                            7.9
                                                  20.5
                                                        22.5
                                                               26.9
                                                                      22.6
                                                                            20.1
                                                                                   12.0
                       -9.1
                              -8.4
##
   3884
           5.6
                -3.3
                                      0.8
                                           16.2
                                                  23.2
                                                        25.0
                                                               23.5
                                                                      22.0
                                                                            12.3
                                                                                    6.8
   3885
          -1.2 -10.7
                       -7.5
                               4.7
                                     17.6
                                           23.4
                                                  24.3
                                                        23.7
                                                                      13.7
                                                                             5.3
##
                                                               19.6
                                                                                    1.6
                        22.1
   3886
           11.2
                19.7
                              24.5
                                     24.6
                                           22.0
                                                  13.7
                                                          8.0
                                                                1.1
                                                                      -4.2
                                                                             3.7
                                                                                    4.3
##
   3887
           12.8
                17.6
                       22.2
                              26.3
                                    23.2
                                           18.6
                                                  13.3
                                                          9.6
                                                                0.8
                                                                      -1.6
                                                                             4.4
                                                                                    8.1
##
##
   3888
           11.4
                18.8
                       20.8
                              23.5
                                     24.8
                                           19.9
                                                  13.5
                                                        -9.0
                                                               -3.5
                                                                      -1.6
                                                                             2.7
                                                                                   15.0
##
   3889
           18.1
                 21.6
                       25.5
                              23.9
                                     18.4
                                           12.2
                                                  10.5
                                                          2.3
                                                                1.2
                                                                       2.1
                                                                             3.4
                                                                                   12.6
   3890
           14.3
                 24.5
                       24.1
                              21.0
                                      9.6
                                             4.3
                                                   0.8
                                                        -6.6
                                                               -3.0
                                                                       5.6
                                                                            16.4
                                                                                   20.6
##
                                             0.9
                                                        -0.9
                                                                7.0
  3891
          24.2
                24.4
                       17.3
                              13.2
                                      6.7
                                                  -4.1
                                                                      11.4
                                                                            19.1
                                                                                   20.9
##
           23.0
                 20.7
                       19.8
                                      7.1
                                            0.3
                                                  -2.1
                                                          2.3
                                                                4.9
                                                                      13.0
                                                                            16.9
   3892
                              13.1
          25.4
   3893
                 13.1
                         3.2
                              -1.0
                                      5.6
                                           17.2
                                                  25.9
                                                        24.2
                                                               17.6
                                                                      10.9
                                                                            -5.1
                                                                                   10.3
##
                                           15.7
                                                  22.8
                                                        24.0
                                                               22.5
##
   3894
           22.9
                 23.7
                        21.4
                               5.8
                                     -3.4
                                                                      11.3
                                                                            17.6
                                                                                   21.9
                 18.4
                         9.8
                                     -4.5
                                           15.5
                                                  17.5
                                                        24.3
                                                               25.7
##
   3895
           21.7
                               8.7
                                                                      25.3
                                                                            19.6
                                                                                   13.9
           7.1
                 -3.3
                        -5.9
                                                                      25.2
   3896
                              -1.5
                                      5.9
                                           12.4
                                                  17.1
                                                        22.8
                                                               27.7
                                                                            17.9
                                                                                   14.1
           7.7
                  2.5
                         0.3
                                                  20.6
   3897
                               2.5
                                     13.4
                                           13.3
                                                        23.8
                                                               28.7
                                                                      17.8
                                                                            12.9
                                                                                    5.9
##
##
   3898
           2.2
                 -1.5
                        -0.8
                               0.8
                                     10.1
                                           17.0
                                                  22.8
                                                        24.2
                                                               23.4
                                                                      21.5
                                                                            13.0
                                                                                    4.2
   3899
           -2.6
                 -7.1
                        -6.9
                               2.5
                                                               24.0
                                                                                    2.3
##
                                     11.8
                                           18.2
                                                  23.1
                                                        21.7
                                                                      18.8
                                                                            12.6
##
   3900
           1.0
                 -2.5
                        -6.3
                               5.1
                                     13.8
                                           18.3
                                                  22.5
                                                        24.0
                                                               22.8
                                                                      22.0
                                                                            14.0
                                                                                    8.7
                 -2.5
                                                               24.2
##
   3901
           5.0
                         1.3
                               9.0
                                     12.7
                                           17.1
                                                  25.1
                                                        24.6
                                                                      21.7
                                                                            16.1
                                                                                    9.4
##
   3902
           -1.4
                 -0.3
                         5.9
                               7.0
                                    14.3
                                           17.4
                                                  23.4
                                                        25.7
                                                               21.8
                                                                      20.8
                                                                            14.6
                                                                                    6.2
                                           22.8
##
  3903
           -0.9
                 -3.5
                       -0.1
                               4.2
                                      7.9
                                                  24.9
                                                        24.7
                                                               24.6
                                                                      21.5
                                                                            12.8
                                                                                    1.8
                                           17.4
## 3904
           1.3
                 -3.7
                        -2.0
                               3.5
                                    12.2
                                                  22.5
                                                        26.1
                                                               23.2
                                                                      23.0
                                                                            11.3
                                                                                    3.2
                       -0.3
                                           16.0 23.8
## 3905
           2.5
                -0.8
                               7.6
                                    10.2
                                                        25.8
                                                               23.2 19.0
                                                                            11.1
```

```
## 3906
           0.8 -1.1
                      -7.6
                              8.6 11.7
                                          16.4 24.0 24.4
                                                             24.6
                                                                    21.7
                                                                          15.6
## 3907
           4.8
                -5.5
                        8.0
                             12.9
                                   13.7
                                          20.1
                                                24.0
                                                       26.4
                                                             28.3
                                                                    28.4
                                                                          24.6
                                                                                21.1
                                          20.6
                                                       26.8
                                                             27.6
                                                                    26.7
                                                                          24.3
## 3908
          12.7
                12.3
                        9.7
                              8.4
                                   16.1
                                                 23.1
                                                                                 19.7
                             11.7
                                    18.1
                                                 23.1
                                                       27.2
                                                             29.2
## 3909
          17.4
                17.2
                        9.2
                                          19.2
                                                                    27.8
                                                                          25.7
                                                                                 20.9
  3910
          15.7
                13.2
                       13.8
                             15.9
                                   16.0
                                          21.1
                                                 24.1
                                                       26.3
                                                             27.7
                                                                    27.3
                                                                          25.2
                                                                                 21.2
## 3911
          14.9
               11.5
                        7.7
                             16.8 14.3
                                          18.1
                                                 24.0
                                                       26.9
                                                             27.3
                                                                    27.1
                                                                          26.9
                                                                                 21.9
                12.1
                      11.3
                             15.8
                                   15.8
                                          19.9
                                                 26.2
                                                       27.5
                                                             28.9
                                                                    28.6
                                                                          27.4
  3912
          14.5
                      14.0
                            13.9
                                   19.8
                                          19.7
                                                 23.5
                                                       25.8
## 3913
          13.6 13.8
                                                             28.3
                                                                    28.8
                                                                          25.0
                                                                                 22.5
##
   3914
          18.3
               11.1
                       11.1
                             10.0
                                    16.6
                                          23.8
                                                 27.4
                                                       29.1
                                                             30.8
                                                                    25.6
                                                                          14.5
                                                                                  6.5
                             26.5
                                    28.8
                                          26.0
                                                              7.9
                                                                    23.2
                                                                          27.9
                                                                                 29.0
##
  3915
          10.1
                17.1
                       22.6
                                                 21.0
                                                       15.2
   3916
          27.9
                23.7
                       18.9
                             14.3
                                     8.6
                                          23.1
                                                 29.1
                                                       24.0
                                                             17.8
                                                                     6.8
                                                                          24.4
                                                                                 28.5
                       22.4
## 3917
          25.8
                14.5
                             30.1
                                    27.9
                                          26.1
                                                 19.3
                                                       10.3
                                                             11.6
                                                                    28.3
                                                                          27.7
                                                                                 7.4
##
   3918
          22.7
                29.1
                       26.1
                              8.4
                                   20.0
                                          23.0
                                                 27.4
                                                        9.1
                                                             13.3
                                                                    19.9
                                                                          22.6
                                                                                 30.1
          22.3
                17.2
                       29.1
                             28.5
                                   19.9
                                                 16.5
                                                             30.0
                                                                    11.6
##
  3919
                                           6.7
                                                       25.1
                                                                          10.7
                                                                                 18.6
          25.8
##
  3920
                29.6
                       12.5
                             10.5
                                    18.5
                                          27.7
                                                 29.8
                                                       23.9
                                                             19.1
                                                                    16.5
                                                                           9.3
                                                                                  6.2
##
  3921
          18.1
                21.8
                       27.1
                             27.5
                                    28.3
                                          26.2
                                                 21.9
                                                       14.3
                                                              16.7
                                                                     8.1
                                                                          -6.6
                                                                                  0.2
##
  3922
           8.4
                11.8
                      18.6
                             20.9
                                    15.2
                                           9.4
                                                  4.2
                                                       -2.4
                                                             -3.0
                                                                    -0.8
                                                                          17.4
                                                                                 20.2
##
  3923
          22.9
                21.6
                       14.1
                             11.8
                                    7.4
                                          -2.1
                                                 -7.6
                                                       -1.5
                                                              2.5
                                                                    12.8
                                                                          21.5
                                                                                 22.0
          20.5
## 3924
                15.8
                        8.0
                              0.4
                                   -6.9 -10.3
                                                 -4.6
                                                        4.6
                                                             17.4
                                                                    22.0
                                                                          18.3
                                                                                 15.4
           7.9
                                                             21.0
## 3925
                  2.8
                       -4.7
                             -8.2
                                   -3.7
                                          14.2
                                                 18.2
                                                       20.7
                                                                    17.1
                                                                           8.8
                                                                                  3.4
                15.8
                       21.1
                                   18.9
## 3926
          -3.4
                             22.6
                                          16.5
                                                 9.4
                                                        5.7
                                                             15.1
                                                                    19.8
                                                                          11.3
                                                                                  3.4
  3927
          -3.6
                -3.3
                       15.5
                             20.0
                                   -6.6
                                          12.2
                                                 21.8
                                                       21.0
                                                             11.2
                                                                     4.1
                                                                          -3.9
                                                                                  1.7
## 3928
          21.1
                  8.0
                        4.6
                             -3.2
                                   -8.1
                                           6.7
                                                 21.6
                                                       20.8
                                                             21.1
                                                                    17.6
                                                                          13.6
                                                                                  2.8
          -5.8
                12.9
                       20.0
                             21.4
                                    19.7
                                           3.3
                                                 -3.2
                                                        7.2
                                                             14.0
                                                                    18.9
                                                                          19.8
##
   3929
                                                                                  8.4
                                   20.2
          -4.9
                -3.6
                      11.1
                             16.4
                                          23.5
                                                 22.8
                                                             -6.9
                                                                    -4.1
##
  3930
                                                       10.9
                                                                           7.1
                                                                                 14.7
   3931
          19.8
                21.2
                        6.1
                             -1.8
                                     8.4
                                          17.0
                                                 21.3
                                                       24.7
                                                             20.9
                                                                    16.0
                                                                          10.2
                                                                                  3.3
##
  3932
          -2.7
                  6.3
                       16.1
                             19.7
                                    15.5
                                          11.2
                                                  2.8
                                                        7.7
                                                              15.0
                                                                    21.1
                                                                          20.4
                                                                                 20.6
   3933
                       -5.9 -10.8
                                    7.3
                                                 19.9
                                                             20.9
##
          16.6
                  1.8
                                          16.8
                                                       22.3
                                                                    19.6
                                                                          11.6
                                                                                  7.5
                       14.2
                                   22.2
##
   3934
          -3.6
                -1.6
                            23.0
                                          18.8
                                                 7.2
                                                       -1.7
                                                              0.8
                                                                    10.4
                                                                          13.8
                                                                                 20.3
   3935
          22.1
                19.8
                       18.5
                             13.3
                                     3.0
                                          -4.8
                                                 -2.4
                                                        3.8
                                                             17.6
                                                                    23.2
                                                                          22.4
                                                                                 18.3
##
  3936
           9.7
                  1.2
                       -4.1
                              7.7
                                    13.0
                                          18.9
                                                 23.5
                                                       20.8
                                                              18.4
                                                                     0.8
                                                                          -0.9
                                                                                 -2.8
##
   3937
           6.6
                13.5
                       21.1
                             24.4
                                    22.2
                                          16.2
                                                  8.9
                                                        7.1
                                                              -0.1
                                                                    -2.4
                                                                          -6.1
                                                                                  9.1
                                                             -7.2
##
   3938
          14.5
                21.8
                       22.0
                             23.1
                                    17.7
                                          14.1
                                                  3.6
                                                        0.9
                                                                    19.5
                                                                          18.7
                                                                                 15.1
                                                                          10.6
  3939
                13.5
                       15.6
                             20.6
                                    20.7
                                          11.2
                                                 7.5
                                                       27.6
                                                             22.0
                                                                    17.5
##
          13.1
                                                                                 11.7
##
   3940
          18.1
                22.1
                       25.5
                             26.2
                                    26.4
                                          24.0
                                                 20.2
                                                       12.2
                                                             14.9
                                                                     9.3
                                                                          15.8
                                                                                 14.9
                                                             16.0
##
  3941
          11.8
                 9.3
                        5.7
                              7.6
                                     8.2
                                          11.7
                                                 13.2
                                                       15.3
                                                                    15.3
                                                                           9.3
                                                                                  9.1
## 3942
          10.3
                10.9
                       12.3
                             14.7
                                    16.6
                                          16.6
                                                 15.5
                                                       12.7
                                                              10.8
                                                                     7.7
                                                                           9.1
                                                                                 10.5
##
  3943
          12.3
                13.7
                       14.7
                             16.4
                                    15.0
                                          12.1
                                                  9.9
                                                        6.5
                                                              7.0
                                                                     7.6
                                                                          12.1
                                                                                 14.4
   3944
          15.7
                15.1
                       13.8
                             11.3
                                     6.2
                                           6.7
                                                  9.8
                                                        9.6
                                                             10.5
                                                                    11.7
                                                                          14.3
                                                                                 14.8
##
                              8.3
                                     7.5
                                           8.5
##
  3945
          14.1
                13.2
                       10.4
                                                  9.8
                                                       13.0
                                                             13.7
                                                                    13.6
                                                                          12.2
                                                                                 10.4
           6.5
                        8.1
                              8.3
                                   11.6
                                          13.4
                                                 14.8
                                                       13.8
                                                                    13.2
   3946
                  7.2
                                                             13.3
                                                                           9.8
                                                                                  7.2
##
  3947
           6.5
                  4.6
                        8.8
                             12.5
                                   14.2
                                          16.1
                                                 16.1
                                                       13.4
                                                             11.7
                                                                     9.8
                                                                           7.8
                                                                                  6.8
                        6.4
                             10.2
                                   10.3
                                                 14.5
                                                        7.5
##
   3948
           9.4
                12.0
                                          12.5
                                                             10.6
                                                                    14.4
                                                                          15.2
                                                                                 14.0
           6.7
                  6.0
                       10.5
                                          15.4
                                                 15.4
                                                        8.9
                                                             13.4
                                                                    15.0
##
  3949
                             13.2
                                   14.2
                                                                           5.9
                                                                                 12.9
           6.2
                             10.9
                                                 10.9
   3950
                  9.4
                        8.4
                                   14.5
                                          14.7
                                                       16.5
                                                             12.3
                                                                    13.3
                                                                          14.7
                                                                                 16.0
          14.7
## 3951
                14.8
                       13.8
                              8.4
                                   12.1
                                          15.3
                                                 12.3
                                                       11.0
                                                             16.8
                                                                    17.1
                                                                          15.9
                                                                                  8.1
##
   3952
           9.0
                10.2
                       12.7
                             14.2
                                   14.9
                                          15.8
                                                 15.9
                                                        8.9
                                                              8.5
                                                                     7.8
                                                                           9.3
                                                                                 11.7
   3953
                14.9
                       15.5
                             14.8
                                   12.1
                                                             12.7
                                                                                 19.6
##
          14.7
                                          11.1
                                                  7.4
                                                        8.1
                                                                    13.7
                                                                          15.9
##
   3954
          23.9
                29.0
                       29.5
                             29.4
                                    26.0
                                          20.2
                                                 24.6
                                                       20.5
                                                             26.4
                                                                    28.9
                                                                          29.6
                                                                                 31.0
                                                             25.4
##
   3955
          27.6
                22.4
                       16.8
                             13.0
                                    9.7
                                          12.0
                                                 19.0
                                                       24.1
                                                                    29.9
                                                                          30.9
                                                                                 32.8
##
   3956
          28.5
                21.5
                       16.9
                             11.6
                                   13.1
                                          14.1
                                                 18.5
                                                       22.5
                                                             25.5
                                                                    28.6
                                                                          29.3
                                                                                 30.0
##
  3957
          27.2
                20.9
                      16.8
                             13.9
                                   12.1
                                          14.1
                                                15.4
                                                       18.8
                                                             23.5
                                                                    28.7
                                                                          28.8
                                                                                 29.9
                                                13.8
## 3958
          27.8
                21.1
                      13.3
                              9.4
                                     8.9
                                          10.9
                                                       19.8
                                                             22.8
                                                                    27.5
                                                                          28.0
                                                                                 28.7
## 3959
          26.3 22.0 12.8 12.8
                                     8.3
                                          10.0 15.0 21.1 23.8
                                                                   27.1
                                                                          29.0
                                                                                29.3
```

```
## 3960
          26.8 22.9
                      16.5
                            14.1 10.2 14.4 18.3
                                                       20.4
                                                             23.0
                                                                    27.6
                                                                          29.7
                                                                                 28.2
## 3961
          27.1
                23.2
                       18.3
                             13.2
                                    13.6
                                          17.6
                                                 19.2
                                                       21.2
                                                             23.7
                                                                    26.7
                                                                          29.8
                                                                                 28.5
                                                                          29.3
  3962
          26.2
                21.4
                       18.4
                             10.9
                                     8.7
                                          13.0
                                                 18.5
                                                       18.4
                                                             25.8
                                                                    28.6
                                                                                 29.6
##
  3963
          26.1
                 20.4
                       13.1
                             11.6
                                   10.4
                                          12.8
                                                 15.5
                                                       19.9
                                                             24.8
                                                                    27.2
                                                                          29.1
                                                                                 31.2
##
   3964
          29.4
                21.5
                       14.8
                             13.6
                                    14.0
                                          12.8
                                                 21.0
                                                       20.2
                                                             24.3
                                                                    27.7
                                                                           29.4
                                                                                 29.9
  3965
          25.0
                21.1
                      18.4
                             11.8
                                   11.3
                                           8.8
                                                 17.5
                                                       19.6
                                                             23.8
                                                                    27.8
                                                                          27.9
                                                                                 29.1
##
                 23.3
                       16.0
                                           5.3
                                                 -0.8
                                                             11.3
                                                                    10.6
   3966
          26.9
                             18.7
                                    10.4
                                                       15.1
                                                                            3.2
                  2.4
                                                 14.3
                                                        9.9
##
  3967
           1.4
                        2.4
                              6.8
                                     0.6
                                          12.8
                                                               5.4
                                                                    -2.0
                                                                          15.3
                                                                                 16.5
##
   3968
           6.1
                  3.3
                       -1.7
                             -0.7
                                    13.3
                                           2.5
                                                  1.2
                                                       -2.2
                                                               3.0
                                                                    18.1
                                                                          -0.5
                                                                                 -0.4
           8.2
                  9.9
                        5.9
                             -0.3
                                           6.6
                                                       -2.6
##
   3969
                                     2.7
                                                  0.1
                                                               1.0
                                                                    13.6
                                                                            5.0
                                                                                 18.4
   3970
           9.6
                -2.8
                       -4.0
                              1.6
                                    15.2
                                           3.9
                                                  3.2
                                                       17.4
                                                              15.9
                                                                     3.9
                                                                           0.9
                                                                                  0.4
                                          -2.2
  3971
           4.1
                 16.0
                       11.5
                             -0.2
                                    -1.4
                                                 -3.3
                                                        1.5
                                                               6.3
                                                                    10.7
##
                                                                           14.3
                                                                                 -1.1
##
   3972
           5.7
                  8.1
                       11.3
                             13.3
                                    17.8
                                          16.9
                                                  5.4
                                                       19.1
                                                              12.5
                                                                     0.4
                                                                            0.1
                                                                                  4.9
  3973
                17.8
                       10.4
                             -0.6
                                    -0.8
                                           8.0
                                                 15.8
                                                       16.0
                                                              10.5
                                                                     7.4
##
          16.8
                                                                           -6.7
                                                                                 -0.3
##
   3974
          18.3
                 17.8
                       12.2
                               5.4
                                     2.7
                                           0.9
                                                 -1.9
                                                        5.4
                                                              13.2
                                                                    16.5
                                                                                  1.9
                                                                            9.6
##
   3975
          -0.7
                 -4.4
                       10.2
                             13.3
                                    17.1
                                          11.3
                                                  0.1
                                                       -1.3
                                                              5.5
                                                                    10.1
                                                                          13.0
                                                                                 17.0
   3976
          16.9
                  1.8
                       -0.1
                               0.2
                                    10.0
                                          14.1
                                                 18.7
                                                       22.5
                                                             24.5
                                                                    26.7
                                                                          29.9
                                                                                 29.1
##
##
   3977
          25.2
                22.1
                       15.8
                             13.8
                                     8.8
                                           9.0
                                                 13.4
                                                       20.5
                                                              23.7
                                                                    28.0
                                                                          29.0
                                                                                 27.9
          26.8
  3978
                24.5
                       14.3
                             11.9
                                     7.8
                                          11.5
                                                 16.0
                                                       22.4
                                                             25.3
                                                                    28.7
                                                                          28.8
                                                                                 29.3
##
##
  3979
          24.8
                21.0
                       15.6
                             14.4
                                     8.7
                                          14.1
                                                 16.7
                                                       18.3
                                                             25.0
                                                                    26.9
                                                                          27.9
                                                                                 27.5
                       17.6
##
  3980
          26.6
                21.1
                             13.2
                                   14.1
                                          14.3
                                                 17.1
                                                       19.1
                                                             24.5
                                                                    26.7
                                                                          28.5
                                                                                 27.7
   3981
          25.7
                22.6
                       15.2
                             11.2
                                    11.9
                                          12.7
                                                 17.0
                                                       20.2
                                                              23.7
                                                                    26.9
                                                                          29.7
                             13.6
  3982
          26.4
                22.5
                      14.3
                                    15.2
                                          14.8
                                                 16.1
                                                       18.6
                                                             22.9
                                                                    27.0
                                                                          28.2
                                                                                 29.8
##
                18.6
                       14.7
                             10.7
                                    13.9
                                          12.5
                                                 19.5
                                                       20.5
                                                              24.4
                                                                    29.1
                                                                          29.7
##
   3983
          25.2
                                                                                 29.0
                      15.6
                                                       22.6
                21.6
                              9.6
                                   12.3
                                          16.0
                                                             23.5
                                                                          29.6
                                                                                 29.8
##
  3984
          25.6
                                                 16.7
                                                                    27.8
   3985
          28.0
                22.5
                       15.7
                             14.9
                                    12.0
                                          13.3
                                                 17.3
                                                       22.9
                                                              25.6
                                                                    27.0
                                                                          28.5
##
   3986
          27.1
                22.3
                       16.0
                             11.6
                                    10.7
                                          13.9
                                                 17.2
                                                       20.8
                                                             25.6
                                                                    28.6
                                                                          29.1
                                                                                 29.0
   3987
                22.6
                       14.5
                                    11.7
                                          16.6
                                                 16.3
                                                              22.8
##
          26.9
                             13.8
                                                       19.1
                                                                    26.8
                                                                          30.1
                                                                                 29.7
                                                             24.0
##
   3988
          25.2
               19.7
                       14.4
                             14.0
                                     9.7
                                           9.8
                                                 13.3
                                                       19.6
                                                                    27.7
                                                                           28.6
                                                                                 29.4
##
   3989
          25.6
                19.6
                       15.9
                               9.8
                                     9.2
                                          11.9
                                                 15.5
                                                       18.5
                                                              24.6
                                                                    27.8
                                                                          28.2
                                                                                 28.4
##
  3990
          26.7
                 21.1
                       12.3
                             12.8
                                     9.9
                                           9.9
                                                 12.8
                                                       20.5
                                                             22.8
                                                                    28.1
                                                                           28.5
                                                                                 27.7
##
   3991
          25.7
                 22.6
                       16.7
                               9.9
                                     8.5
                                          13.0
                                                 18.4
                                                       19.0
                                                             25.3
                                                                    26.8
                                                                          26.0
                                                                                 27.6
                                                                          29.9
##
   3992
          26.4
                21.3
                       14.4
                             12.1
                                     7.0
                                          17.0
                                                 14.0
                                                       20.2
                                                             24.9
                                                                    27.2
                                                                                 30.5
          26.7
                                                                          28.9
  3993
                 23.8
                       15.5
                             10.9
                                     7.4
                                          11.2
                                                 18.4
                                                       23.1
                                                             24.8
                                                                    27.9
                                                                                 29.5
##
                              7.7
##
   3994
          26.9
                23.2
                       16.9
                                    10.4
                                           9.7
                                                 16.3
                                                       21.0
                                                             24.8
                                                                    27.2
                                                                          29.4
                                                                                 29.3
##
  3995
          26.1
                19.0
                       16.7
                             10.8
                                    12.4
                                           9.9
                                                 12.7
                                                       22.0
                                                             23.9
                                                                    28.0
                                                                          29.4
                                                                                 28.9
##
  3996
          27.1
                19.3
                       18.1
                             13.1
                                     7.4
                                           9.9
                                                 15.6
                                                       20.4
                                                             23.1
                                                                    26.0
                                                                          29.0
                                                                                 27.7
##
  3997
          25.3
                19.4
                       17.2
                             10.4
                                    10.1
                                          10.4
                                                 19.4
                                                       24.7
                                                             24.8
                                                                    29.2
                                                                          29.6
                                                                                 28.2
   3998
          24.2
                19.4
                       15.8
                             10.6
                                     8.9
                                           9.1
                                                 14.4
                                                       20.1
                                                              24.1
                                                                    26.9
                                                                          28.2
                                                                                 28.9
##
                                    11.4
                                                             23.0
##
  3999
          24.4
                22.3
                       13.5
                             10.4
                                          12.2
                                                 12.7
                                                       21.1
                                                                    25.3
                                                                          30.4
                                                                                 29.9
  4000
          26.4
                21.0
                       14.5
                             12.8
                                     7.6
                                          12.7
                                                 13.8
                                                       21.2
                                                             22.7
                                                                          28.8
                                                                    27.1
          27.3
## 4001
                19.8
                      14.8
                             15.6
                                    13.3
                                          14.1
                                                 18.1
                                                       20.8
                                                             25.6
                                                                    28.7
                                                                          29.9
                                                                                 27.3
                       17.3
                             14.0
                                    11.6
                                                       23.2
                                                              22.7
## 4002
          26.7
                 23.3
                                          13.7
                                                 19.1
                                                                    26.8
                                                                          27.9
                                                                                 27.8
          27.9
                22.2
                       12.2
                                          18.9
                                                              26.2
                                                                    28.4
## 4003
                              8.4
                                   11.1
                                                 18.9
                                                       23.7
                                                                          27.8
                                                                                 26.3
                       11.2
                             10.6
                                                 20.9
                                                                    28.3
## 4004
          22.5
                18.8
                                    13.6
                                          19.9
                                                       25.2
                                                              26.3
                                                                          27.3
                                                                                 22.4
                                                                    27.2
                                                                          27.6
## 4005
          20.1
                14.1
                       10.5
                             11.8
                                    11.9
                                          16.3
                                                 20.2
                                                       23.1
                                                              26.7
                                                                                 24.4
## 4006
          21.7
                15.7
                       11.7
                              9.8
                                    16.2
                                          17.7
                                                 20.6
                                                       21.8
                                                             26.6
                                                                    26.6
                                                                          27.6
                                                                                 25.3
## 4007
          16.2
                11.2
                        9.9
                                    11.6
                                                             28.5
                                                                    29.3
                                                                          27.9
                                                                                 21.8
                               6.7
                                          16.8
                                                 24.8
                                                       27.5
          16.3
## 4008
                11.9
                        6.3
                              8.0
                                    15.3
                                          20.5
                                                 25.1
                                                       28.2
                                                             28.2
                                                                    28.3
                                                                          25.8
                                                                                 20.7
                                                       27.1
                                                              29.3
                                                                                 23.7
## 4009
          16.7
                10.9
                        6.5
                             11.3
                                    17.4
                                          20.9
                                                 23.2
                                                                    28.4
                                                                          25.9
                             12.1
## 4010
          14.6
                13.1
                       11.5
                                    16.4
                                          19.8
                                                 24.7
                                                       29.5
                                                             31.2
                                                                    29.6
                                                                          28.7
                                                                                 21.5
                                          22.7
                                                             29.0
## 4011
          14.6
                13.0
                       10.4
                             12.1
                                    15.9
                                                 24.1
                                                       27.5
                                                                    29.3
                                                                          26.1
                                                                                 22.2
                                                       27.6
## 4012
          16.9 11.7
                      11.0
                              9.8
                                    17.3
                                          19.4
                                                 23.6
                                                             29.7
                                                                    30.0
                                                                          26.7
                                                                                 20.7
## 4013
          15.2 11.1
                        9.4 11.2 14.8
                                          18.4 23.0
                                                      26.2
                                                             28.3
                                                                    29.2
                                                                          25.8
                                                                                 21.6
```

```
8.1 12.3 17.9
## 4014
          16.9
                 6.1
                                        20.9 25.1
                                                     28.2
                                                           29.4
                                                                 29.3
                                                                        25.3
                                                                              21.8
## 4015
          14.9
               15.3
                       6.8
                            10.3
                                  17.8
                                        20.8
                                               24.8
                                                     26.8
                                                           27.9
                                                                 29.7
                                                                        26.3
                                                                              22.1
          18.0
                            14.4
                                               23.6
                                                     27.2
                                                           29.9
                                                                       27.9
## 4016
                10.0
                      11.9
                                  17.2
                                        22.6
                                                                 30.0
                                                                              21.1
                                  14.4
                                        18.9
                                               24.3
                                                     26.9
                                                           28.7
                                                                 30.0
                                                                       26.2
## 4017
          15.0 11.1 10.6
                           13.3
                                                                              21.7
## 4018
          16.1
                12.2
                       8.6
                            12.4
                                  16.3
                                        20.6
                                               24.5
                                                     27.3
                                                           29.2
                                                                 30.2
                                                                        27.1
                                                                              22.9
## 4019
          18.4
               13.3
                     13.4
                           10.9
                                  16.6
                                        21.3
                                               26.6
                                                     28.5
                                                           30.3
                                                                 29.0
                                                                        26.2
                                                                              21.8
## 4020
                      13.6
                            14.9
                                  16.4
                                        20.9
                                               26.3
                                                     30.8
                                                           28.6
                                                                 29.6
          16.6
                 6.3
                                                                        26.7
## 4021
          17.2 11.1
                       9.4
                            13.7
                                  17.8
                                        22.4
                                               25.4
                                                     28.2
                                                           29.2
                                                                 29.9
                                                                              22.9
                                                                        25.4
## 4022
          14.1
               13.1
                      10.4
                            15.1
                                  17.4
                                        20.6
                                               23.2
                                                     28.1
                                                           29.3
                                                                 27.9
                                                                        27.6
                                                                              23.0
          14.1
                13.5
                                  16.4
                                        19.6
                                               23.3
                                                           30.1
                                                                 30.7
                                                                        27.5
                                                                              21.5
## 4023
                      10.7
                            13.1
                                                     27.6
## 4024
          13.5
                12.8
                      11.3
                            13.4
                                  17.7
                                        21.0
                                               24.4
                                                     29.2
                                                           31.1
                                                                 30.1
                                                                        25.8
                      11.9
                                               25.9
                                                     26.3
                                                           29.1
                                                                 29.7
                                                                        26.9
## 4025
          18.2
               13.9
                            14.1
                                  16.7
                                        21.0
                                                                              21.0
                            14.4
                                        20.8
## 4026
          15.2 13.1
                      10.6
                                  14.2
                                               27.7
                                                     28.9
                                                           30.7
                                                                 29.1
                                                                        25.8
                                                                              21.7
## 4027
          16.3
               12.5
                       9.5
                            11.8
                                  17.4
                                        17.8
                                               23.3
                                                     26.5
                                                           29.5
                                                                 30.0
                                                                        27.9
                                                                              21.2
## 4028
          14.1
               10.2
                      13.7
                            13.0
                                  15.5
                                        19.3
                                               26.5
                                                     30.1
                                                           31.1
                                                                 28.6
                                                                        26.9
                                                                              21.8
## 4029
          16.8 11.5
                      12.5
                            16.5
                                  17.0
                                        21.8
                                               24.5
                                                     27.7
                                                           28.2
                                                                 30.1
                                                                        26.8
                                                                              20.9
## 4030
          17.2 12.3
                      12.9
                            17.0
                                  19.4
                                        21.5
                                               25.9
                                                     27.2
                                                           29.8
                                                                 30.2
                                                                       27.2
                                                                              21.7
## 4031
          13.8
                 8.0
                       9.5
                            14.1
                                  13.6
                                        21.5
                                               24.6
                                                     28.1
                                                           29.7
                                                                 29.7
                                                                        24.9
                                                                              19.9
## 4032
          17.2 12.1 12.1
                            10.5
                                  15.7
                                        22.9
                                               24.9
                                                     28.6
                                                           28.1
                                                                 29.6
                                                                       25.9
                                                                              21.5
## 4033
          14.3 12.1
                      10.1
                            11.7
                                  15.9
                                        21.9
                                               26.9
                                                     27.6
                                                           27.7
                                                                 28.7
                                                                        24.8
                                                                              21.5
                           11.5
## 4034
          17.2 12.2 12.5
                                  18.8
                                        19.6
                                               24.5
                                                     27.1
                                                           28.3
                                                                 28.5
                                                                        26.9
                                                                              25.0
## 4035
          16.2 11.8
                     13.3
                            13.5
                                  16.3
                                        20.2
                                               23.9
                                                     28.1
                                                           29.6
                                                                 29.9
                                                                        29.1
## 4036
          18.3 11.7 14.6
                           13.3
                                  19.8
                                        24.8
                                               26.0
                                                     28.7
                                                           29.8
                                                                 31.3
                                                                        26.5
                                                                              22.4
          17.7
               12.4
                       9.1
                            12.7
                                  18.4
                                        18.4
                                               24.1
                                                     27.1
                                                           26.9
                                                                 28.7
                                                                        26.8
                                                                              22.8
## 4037
               13.5 11.0
                            16.5
                                  17.8
                                        21.5
                                               26.7
                                                     30.5
                                                           28.9
                                                                 29.1
                                                                        26.4
                                                                              21.9
## 4038
          17.1
## 4039
          17.6 12.8
                     12.5
                            17.2
                                  18.4
                                        21.0
                                               26.4
                                                     30.2
                                                           31.5
                                                                 31.3
                                                                        25.8
## 4040
          15.9
                 9.1
                       9.9
                             9.7
                                  15.2
                                        20.3
                                               25.3
                                                     28.6
                                                           28.8
                                                                 30.8
                                                                        26.7
                                                                              21.3
## 4041
          16.7
               12.0
                      10.3
                            13.1
                                  19.3
                                        24.2
                                               26.1
                                                     30.1
                                                           31.0
                                                                 32.2
                                                                        28.4
                                                                              21.7
                                        23.3
                                               25.6
                                                           29.6
                                                                 30.7
## 4042
          17.2 12.1
                      13.4
                           14.1
                                  19.1
                                                     29.3
                                                                        26.4
                                                                              21.5
                      12.2
## 4043
          17.4
               13.9
                            15.0
                                  17.1
                                        19.8
                                               24.3
                                                     28.8
                                                           30.1
                                                                 31.4
                                                                        28.5
## 4044
          15.5
               11.2
                      10.6
                            14.2
                                  15.9
                                        21.8
                                               24.3
                                                     28.4
                                                           29.4
                                                                 31.1
                                                                        27.7
                                                                              24.6
## 4045
          14.1
                13.7
                       9.4
                            11.6
                                  16.0
                                        21.7
                                               24.3
                                                     27.1
                                                           29.1
                                                                 30.1
                                                                       27.7
                                                                              24.2
                                                                       27.0
                                                                              23.2
## 4046
          17.5
                14.2
                      10.7
                            14.8
                                  18.6
                                        20.9
                                               23.6
                                                     27.1
                                                           29.5
                                                                 28.1
                                                           30.1
## 4047
          19.0 13.1
                      13.9
                            17.6 19.4
                                        21.7
                                               24.0
                                                     27.8
                                                                 28.6
                                                                       25.9
                                                                              21.4
                                                                        25.6
## 4048
          18.8
               11.5
                       9.2
                            14.1
                                  19.0
                                        19.6
                                               26.3
                                                     29.2
                                                           29.4
                                                                 29.5
                                                                              20.5
## 4049
          13.5
               12.1 11.2
                           14.2
                                  15.9
                                        20.3
                                               25.0
                                                     27.6
                                                           29.3
                                                                 31.4
                                                                        29.9
                                                                              21.9
## 4050
          14.8 13.0
                     14.4
                           12.9
                                  20.5
                                        20.9
                                               25.9
                                                     28.4
                                                           31.4
                                                                 31.2
                                                                        26.1
                                                                              22.4
## 4051
          18.7
               12.5
                     11.8
                             9.7
                                  18.3
                                        21.4
                                               24.2
                                                     27.8
                                                           28.0
                                                                 29.7
                                                                        27.8
                                                                              23.0
## 4052
          16.2
               17.6
                      10.5
                            10.8
                                  13.6
                                        17.7
                                               21.1
                                                     25.2
                                                           26.4
                                                                 28.4
                                                                       27.8
                                                                              26.5
                      12.6
                                                           25.5
## 4053
          19.9 15.0
                             9.7
                                  15.7
                                        15.6
                                               18.3
                                                     24.0
                                                                 26.8
                                                                       27.3
                                                                              24.0
## 4054
               14.5
                      15.4
                            14.4
                                  16.6
                                        15.0
                                               19.5
                                                     23.9
                                                           26.7
                                                                 28.0
                                                                        27.3
          21.3
## 4055
          18.4 16.4
                      11.5
                             7.6
                                   7.2
                                        14.0
                                               19.0
                                                     23.0
                                                           26.8
                                                                 27.2
                                                                       27.0
                                                                              26.2
                16.8
                             9.9
                                  13.9
                                        14.3
                                               18.3
                                                     23.9
                                                           26.1
                                                                 26.6
## 4056
          19.7
                      10.4
                                                                        26.9
                                                                              25.6
## 4057
          22.3
               14.5
                      11.2
                            10.3
                                  10.3
                                        12.1
                                               19.2
                                                     21.4
                                                           26.2
                                                                 27.5
                                                                              25.6
                                                                        26.9
## 4058
          22.0
               15.9
                       9.7
                             8.2
                                  13.9
                                        16.7
                                               16.6
                                                     21.1
                                                           25.3
                                                                 25.8
                                                                        26.0
          19.3 16.1
                      13.2
                             9.8
                                               17.1
## 4059
                                  15.3
                                        13.3
                                                     24.0
                                                           25.5
                                                                 28.2
                                                                        26.4
                                                                              25.1
                      10.5
## 4060
          21.2
               13.3
                             8.7
                                   8.9
                                         15.6
                                               20.2
                                                     23.3
                                                           25.7
                                                                 26.7
                                                                        27.0
                                                                              24.7
## 4061
          19.7
                14.1
                       7.6
                             9.3
                                   9.2
                                         14.5
                                                           26.4
                                                                 26.5
                                                                       27.1
                                                                              25.2
                                               19.5
                                                     22.8
## 4062
          17.9
               16.5
                      13.0
                            11.6
                                  12.2
                                        14.6
                                               21.7
                                                     23.8
                                                           26.0
                                                                 27.5
                                                                        27.2
                                                                              26.6
                      12.3
                                  11.2
                                                           25.6
                                                                 28.5
                                                                        27.2
                                                                              25.7
## 4063
          20.7
                17.9
                             8.9
                                        14.9
                                               20.4
                                                     24.0
## 4064
          21.4
               16.1
                      12.1
                            10.9
                                  10.7
                                         15.2
                                               21.4
                                                     22.6
                                                           25.8
                                                                 27.1
                                                                       26.6
                                                                              23.3
                     13.6
                                                           27.6
                                                                       28.1
## 4065
          19.1
               15.4
                             8.7
                                   7.9
                                        13.8
                                              20.7
                                                     24.2
                                                                 28.1
                                                                              25.9
                                  11.7
                                        12.6
## 4066
          21.7 13.8 10.6 11.5
                                              19.7
                                                     23.2
                                                           27.5
                                                                 28.9
                                                                       27.3
                                                                              24.9
                                        14.6 23.4 25.8 26.9 27.4 27.9
## 4067
          22.0 14.6 12.2
                             7.6
                                   9.8
                                                                              22.7
```

```
13.2 15.1 12.8 12.6 14.6 21.8 25.9 27.3 27.0 25.5
## 4068
                                                                         22.2
                                                                                14.7
## 4069
          16.7
                15.0
                      15.7
                             22.4
                                   26.2
                                         27.9
                                                26.5
                                                      21.7
                                                            14.9
                                                                   14.1
                                                                         11.5
                                                                                10.7
                      25.9
                                         26.3
                                                                         17.8
## 4070
          17.6
                22.6
                             27.7
                                   27.5
                                                21.3
                                                      18.2
                                                            11.6
                                                                   13.0
                                                                                18.8
## 4071
          25.0
                26.5
                             26.6
                                   25.2
                                                15.8
                                                      13.4
                                                            13.8
                      27.1
                                         19.2
                                                                   15.9
                                                                         19.3
                                                                                25.0
## 4072
          26.6
                26.5
                      26.8
                             20.9
                                   15.9
                                          10.9
                                                 9.6
                                                      15.1
                                                             18.2
                                                                   22.9
                                                                         25.4
                                                                                27.2
## 4073
          27.4
               24.9
                      17.9
                            12.0
                                    9.7
                                           5.7
                                                10.6
                                                      17.2
                                                            23.9
                                                                   28.6
                                                                         29.0
                                                                                28.3
## 4074
          26.8
               19.3
                      16.9
                            11.0
                                    5.9
                                           8.1
                                                13.8
                                                      24.7
                                                             28.3
                                                                   28.4
                                                                         28.3
          20.6
## 4075
               18.9
                              8.0
                                   10.5
                                                22.6
                                                      26.3
                                                                   27.3
                      13.3
                                         15.6
                                                            26.7
                                                                         25.1
                                                                                20.4
## 4076
          14.9
                10.9
                      12.5
                              9.9
                                   15.6
                                         23.3
                                                26.5
                                                      28.7
                                                             27.2
                                                                   19.4
                                                                         15.4
                                                                                11.2
                12.2
                      15.1
                             22.2
                                   28.3
                                         28.7
                                                      25.0
                                                            20.3
                                                                   16.5
                                                                                10.4
## 4077
           8.2
                                                27.3
                                                                         10.7
## 4078
          13.3
                16.4
                      23.3
                             27.0
                                   26.7
                                          26.9
                                                25.4
                                                      21.6
                                                             16.8
                                                                   14.4
                                                                          8.6
                                                                                11.4
## 4079
                      25.2
                             28.6
          13.0
                22.5
                                   27.8
                                         24.0
                                                21.0
                                                      15.5
                                                             10.5
                                                                    8.6
                                                                         11.3
                                                                                14.7
## 4080
          22.6
                25.5
                      26.6
                             26.4
                                   25.2
                                         23.2
                                                14.4
                                                      16.5
                                                              8.0
                                                                   11.5
                                                                         17.5
                                                                                23.6
## 4081
          26.2
                26.9
                      26.4
                             25.0
                                   23.1
                                         20.2
                                                10.7
                                                      10.2
                                                             14.5
                                                                   16.0
                                                                         28.0
                                                                                28.3
## 4082
          26.9
                26.3
                      22.2
                             20.1
                                   12.1
                                         10.1
                                                12.2
                                                      15.5
                                                             23.6
                                                                   26.4
                                                                         27.1
                                                                                27.2
## 4083
          24.7
                16.9
                      15.7
                             13.8
                                    9.0
                                          10.6
                                                14.4
                                                      20.8
                                                            25.5
                                                                   27.3
                                                                         27.4
                                                                                25.7
## 4084
          18.1
                17.5
                      12.3
                             14.7
                                   13.7
                                         16.2
                                                23.0
                                                      26.6
                                                            27.2
                                                                   27.4
                                                                         25.0
                                                                                19.8
## 4085
          16.0
                 8.8
                      12.7
                             15.2
                                   16.4
                                         22.8
                                                27.0
                                                      27.4
                                                            27.8
                                                                   25.3
                                                                         20.3
                                                                               15.8
## 4086
          13.9 12.2 14.1
                             16.8
                                   24.8
                                         26.3
                                                27.1
                                                      26.8
                                                            25.2
                                                                   20.4
                                                                         12.4
                                                                               13.0
## 4087
          10.5
                13.4
                      15.5
                             21.8
                                   26.4
                                         27.8
                                                25.8
                                                      24.9
                                                            19.8
                                                                   14.6
                                                                         28.1
                                                                                28.0
          26.0
                                                                   25.1
## 4088
                20.4
                      14.4
                            13.7
                                   16.2
                                         23.4
                                                26.7
                                                      26.5
                                                            26.7
                                                                         13.3
                                                                                16.5
## 4089
          24.2
                26.4
                      26.6
                             16.7
                                   14.0
                                         12.1
                                                28.2
                                                      25.2
                                                            18.1
                                                                   26.7
                                                                         11.9
                                                22.3
## 4090
          24.5
                26.4
                      20.0
                             26.8
                                   27.7
                                         26.7
                                                      17.3
                                                            16.2
                                                                   20.7
                                                                         27.7
                                                                                22.0
## 4091
                12.7
                        8.3
                             18.2
                                   23.1
                                         25.1
                                                14.3
                                                      20.4
                                                            26.9
                                                                   27.5
                                                                         27.9
                                                                                18.8
          16.4
          10.0 11.8 -0.5
                             19.4
                                   -4.5
                                          6.2
                                                13.6
                                                      17.5
                                                                                20.9
## 4092
                                                              1.1
                                                                   18.4
                                                                          8.8
                             11.9
                                          -0.3
## 4093
          -5.6
                -6.5
                       7.8
                                   -6.7
                                                 7.7
                                                      19.6
                                                            -7.7
                                                                   -4.6
                                                                          4.3
                                                                                14.6
          -0.4
## 4094
                -4.1 -12.6
                              6.2
                                   12.0
                                         21.1
                                                25.4
                                                      20.7
                                                             16.7
                                                                    8.6
                                                                          1.3
                                                                                -9.9
## 4095
                18.6
                      -1.5
                             16.4
                                   12.2
                                         13.0
                                                 3.6
                                                      -4.8
                                                             17.2
          -8.0
                                                                   -2.4
                                                                         10.8
                                                                                14.5
## 4096
           2.0
                11.0 14.9
                             22.3
                                   18.6
                                                       2.9
                                                             10.5
                                                                   15.0
                                         13.3
                                                -2.6
                                                                         24.6
                                                                                20.5
## 4097
          19.0
                 5.0
                      23.0
                              8.8
                                    1.4
                                         10.6
                                                24.2
                                                      -1.6
                                                              0.0
                                                                   14.7
                                                                         24.4
                                                                                24.5
## 4098
          23.4
                 6.8
                      -0.7
                             -8.1
                                   10.0
                                          15.7
                                                23.7
                                                      23.6
                                                            23.6
                                                                   20.3
                                                                         12.5
                                                                                 6.8
## 4099
           1.7
                -2.2
                      -0.4
                             23.6
                                   -0.4
                                           4.8
                                                -3.1
                                                      17.0
                                                            24.8
                                                                   29.3
                                                                         26.4
                                                                                18.5
                14.0
                      26.2
                                                                   12.8
## 4100
           5.1
                             24.4
                                   19.3
                                         -0.1
                                                 4.5
                                                      15.9
                                                             -0.3
                                                                         24.2
                                                                                21.4
## 4101
           0.1
                  1.2
                      11.1
                             16.2
                                   25.7
                                         25.7
                                                24.5
                                                      18.6
                                                              7.9
                                                                    0.5
                                                                                0.7
                                                                         11.6
## 4102
           4.0
                 1.7
                        9.6
                              4.1
                                   -1.0
                                          5.4
                                                 8.7
                                                      11.9
                                                              0.7
                                                                    6.0
                                                                         10.1
                                                                                12.1
## 4103
           9.0
                 0.1
                      -0.1
                              7.3
                                   10.0
                                         12.6
                                                 8.3
                                                       4.4
                                                            -0.3
                                                                   -3.8
                                                                         -2.0
                                                                                12.2
## 4104
           8.1
                13.2
                      13.4
                            -3.3
                                   -4.1
                                          -3.6
                                                 6.9
                                                      10.5
                                                             12.3
                                                                   10.2
                                                                          4.0
                                                                                 0.4
## 4105
          -2.4
                -2.0
                      -5.9
                             -2.0
                                    6.7
                                          11.5
                                                13.0
                                                      12.2
                                                              6.2
                                                                    2.4
                                                                          0.2
                                                                                -4.2
## 4106
          -4.0
                -2.4
                        0.8
                             11.0
                                   13.3
                                           4.9
                                                 0.6
                                                      -0.9
                                                            -4.8
                                                                   -2.0
                                                                          3.1
                                                                                11.0
                        5.3
                            -2.0
                                   -7.2
                                                            10.5
## 4107
          12.6 11.1
                                         -4.6
                                                 0.8
                                                     13.6
                                                                   -5.2
                                                                         -0.5
                                                                                 3.4
## 4108
           6.6
                12.5
                      11.1
                              4.2
                                    0.1
                                          -5.3
                                                -6.6 -10.5
                                                             -4.1
                                                                    1.7
                                                                          5.4
                                                                               10.4
## 4109
          12.3
                12.2
                        9.3
                              2.5
                                   -2.8
                                         -5.2
                                                -8.0
                                                       0.2
                                                              2.7
                                                                    6.6
                                                                         10.3
                                                                               12.1
                 8.0
                        3.7
                              2.2
                                          0.5
                                                -0.6
                                                                    5.6
                                                                         11.2
## 4110
          11.4
                                    1.8
                                                       0.4
                                                              3.5
                                                                                12.7
          13.0
                 9.5
                        1.3
                                   -6.8
                                         -1.4
                                                -1.9
                                                              1.5
                                                                    7.2
## 4111
                             -2.1
                                                      -2.3
                                                                         10.6
                                                                               13.0
          12.0
                10.5
                        7.0
                              4.2
                                          0.3
                                                 2.7
                                                      -2.0
                                                                    7.3
## 4112
                                   -1.6
                                                              4.0
                                                                         10.6
                                                                               14.0
          13.0
                 8.8
                                   -4.1
                                         -7.8
                                                      -1.9
## 4113
                        6.0
                            -1.1
                                                 0.2
                                                              3.9
                                                                    8.9
                                                                         11.8
                                                                                14.4
                                         -1.6
## 4114
          14.2
                 8.1
                        5.5
                              1.5
                                   -0.9
                                                -2.0
                                                       1.2
                                                              4.5
                                                                    9.5
                                                                         12.0
                                                                               14.5
## 4115
          13.8
                10.7
                            -4.6
                                    0.6
                                         -6.3
                                                -2.3
                                                      -2.0
                                                              3.0
                                                                         10.4
                                                                               12.3
                        4.1
                                                                    7.6
## 4116
          11.5
                 9.3
                        5.2
                            -7.5
                                   -3.6
                                         -6.1
                                                -4.4
                                                      -8.6
                                                              3.4
                                                                    6.0
                                                                          9.9
                                                                               12.2
          12.4
                                   -2.9
## 4117
                 9.9
                        3.5
                              1.6
                                          -5.8
                                                -6.4
                                                       0.5
                                                              1.1
                                                                    6.3
                                                                          9.1
                                                                               11.5
## 4118
          11.5
                 9.3
                        1.5
                             -2.9
                                   -4.5
                                          -6.4
                                                -5.8
                                                      -3.0
                                                              2.3
                                                                    7.0
                                                                          9.7
                                                                                12.7
                            -2.7
                                                -0.3
## 4119
          11.6
                  8.7
                        5.8
                                   -1.7
                                          -3.0
                                                      -2.4
                                                              2.2
                                                                    6.2
                                                                          9.3
                                                                               11.1
                                                -4.9
## 4120
          11.3
                  8.4
                        3.0
                            -1.2
                                   -7.6
                                         -3.8
                                                      -3.8
                                                              1.7
                                                                    5.7
                                                                          9.0
                                                                               11.2
                        3.5 -5.7
                                   -3.3 -12.7 -2.2
## 4121
          10.9
                 8.2
                                                      -5.1
                                                              2.3
                                                                    5.2
                                                                          8.9
                                                                               10.1
```

```
2.7 -3.5 -4.8 -0.7 -0.3
                                                             -0.1
## 4122
          11.0
                 9.9
                                                      -0.9
                                                                     6.1 11.7 13.7
## 4123
          13.7
               10.5
                        7.9
                             -0.2
                                   -4.3
                                           3.7
                                                -2.9
                                                        0.2
                                                              4.4
                                                                    9.9
                                                                          11.2
                                                                                14.1
          14.4 12.0
                                                                   10.3
## 4124
                        4.3
                              4.3
                                     2.8
                                          -0.3
                                                 0.5
                                                        2.7
                                                              5.7
                                                                         14.3
                                                                                13.5
## 4125
          13.1
                 8.2
                                                 2.4
                                                        3.0
                                                                         12.7
                        6.4
                              0.5
                                   -1.8
                                           1.1
                                                              6.4
                                                                    9.6
                                                                                14.5
## 4126
          14.6
               11.2
                        6.4
                              0.7
                                   -2.9
                                          -4.3
                                                -1.9
                                                       -4.2
                                                              5.8
                                                                    9.0
                                                                         12.7
                                                                                14.0
                                          -2.5
## 4127
          12.9
               10.2
                        5.8
                            -2.1
                                     1.4
                                                -1.8
                                                       -0.1
                                                              4.8
                                                                    7.7
                                                                         11.4
                                                                               14.0
## 4128
                10.4
                        7.5
                              2.1
                                   -1.0
                                          -2.4
                                                -0.5
                                                        3.8
                                                              3.9
                                                                    8.6
                                                                          12.3
          13.7
                                                                                14.8
## 4129
          13.8
               10.1
                        5.6
                              4.4
                                   -0.7 -11.1
                                                -3.5
                                                      -2.7
                                                                    8.4
                                                                         10.7
                                                              4.1
                                                                                14.1
## 4130
          12.9
                10.4
                        4.5
                             -0.6
                                   -0.6
                                          -0.2
                                                -3.1
                                                       -3.5
                                                              2.8
                                                                    7.2
                                                                          10.9
                                                                                13.1
                 8.2
                        4.4
                            -6.2
                                   -4.0
                                         -4.7
                                                29.2
                                                       26.6
                                                             27.9
                                                                                16.2
## 4131
          12.2
                                                                   18.3
                                                                          10.0
## 4132
          20.0
                 9.8
                       20.6
                             29.7
                                   24.9
                                          22.8
                                                19.8
                                                       11.8
                                                              7.0
                                                                   21.8
                                                                          25.2
                                   26.2
                                          28.6
                                                24.3
                                                                          27.4
## 4133
          14.0 16.2
                        9.7
                              7.5
                                                        8.3
                                                             18.3
                                                                   24.0
                                                                                29.2
## 4134
          29.2
                12.9
                        5.9
                              6.4
                                     9.9
                                          19.8
                                                22.9
                                                       27.6
                                                             26.0
                                                                   25.5
                                                                          23.6
                                                                                17.6
## 4135
          12.0
                10.3
                        6.4
                              0.5
                                     2.6
                                           8.4
                                                18.4
                                                        2.0
                                                              0.7
                                                                    8.8
                                                                          15.6
                                                                                23.4
## 4136
          25.9
                26.2
                       21.6
                             15.7
                                     9.3
                                           4.1
                                                 0.1
                                                        6.3
                                                             13.6
                                                                   17.1
                                                                          21.0
                                                                                25.0
## 4137
          24.4
                19.4
                       11.9
                              8.4
                                     4.1
                                           2.6
                                                 8.5
                                                       18.5
                                                             21.6
                                                                   24.8
                                                                          23.9
                                                                                18.0
## 4138
          15.0
                10.9
                        1.8
                             -2.7
                                     3.9
                                           6.6
                                                22.9
                                                       23.6
                                                             23.4
                                                                   19.2
                                                                          11.5
                                                                                 4.3
## 4139
          -1.4
                21.1
                       25.9
                             25.6
                                   -4.4
                                           3.2
                                                 4.3
                                                       17.5
                                                             23.6
                                                                   23.8
                                                                          19.5
                                                                                11.9
                                                                           9.4
## 4140
           7.7
                  1.4
                       -4.3
                              2.0
                                    5.3
                                          17.2
                                                20.0
                                                       25.6
                                                             22.6
                                                                   19.0
                                                                                 6.1
## 4141
           1.7
                 2.1
                        6.7
                             15.9
                                   23.0
                                          26.3
                                                25.0
                                                       21.6
                                                             14.2
                                                                    8.7
                                                                           1.2
                                                                                -1.9
## 4142
           4.7
                 2.5
                       16.6
                             23.9
                                   24.6
                                          24.9
                                                18.8
                                                       16.6
                                                              7.2
                                                                    4.8
                                                                          -3.6
                                                                                 0.8
## 4143
           7.0
                24.4
                       24.1
                             21.2
                                   14.7
                                           0.7
                                                 0.5
                                                       -0.6
                                                              6.7
                                                                   18.9
                                                                          22.5
                                                                                24.8
                      14.5
                              7.2
                                                        7.1
## 4144
          23.2
                20.0
                                     3.5
                                          -0.2
                                                 0.4
                                                             17.6
                                                                   23.4
                                                                          25.9
                                                                                23.9
## 4145
          20.1
                12.0
                        8.6
                              3.6
                                   -1.8
                                           1.4
                                                 6.4
                                                      17.0
                                                             22.9
                                                                   26.3
                                                                          26.2
                                                                                19.8
          11.4
                        2.1
                              2.8
                                     1.2
                                           5.6
                                                       22.9
                                                             24.8
                                                                   24.1
                                                                          20.7
## 4146
                 9.3
                                                17.3
                                                                                14.7
                                          16.0
## 4147
           7.2
                -3.7
                        4.5
                              4.3
                                     7.1
                                                22.7
                                                       25.0
                                                             24.5
                                                                   20.0
                                                                          16.6
                                                                                 9.8
## 4148
           5.4
                 0.9
                        3.7
                              6.7
                                    20.3
                                          23.3
                                                25.1
                                                       25.1
                                                             19.8
                                                                   14.2
                                                                           8.5
                                                                                 3.9
## 4149
           1.6
                 2.1
                        3.8
                             16.3
                                   22.4
                                          24.7
                                                23.6
                                                       20.7
                                                             13.0
                                                                    8.6
                                                                           3.8
                                                                                 3.2
          -0.7
                      19.3
                             23.9
                                   27.7
                                          25.7
                                                20.4
                                                       13.5
                                                              8.9
## 4150
                  4.3
                                                                    3.0
                                                                          -3.6
                                                                                -0.9
                       24.9
                             27.4
## 4151
           5.3
                17.2
                                   24.1
                                          20.7
                                                14.6
                                                       11.0
                                                              5.2
                                                                     2.9
                                                                          -0.5
                                                                                 7.2
## 4152
          16.9
                22.7
                       26.2
                             25.5
                                   20.0
                                          16.1
                                                 5.9
                                                       -0.3
                                                             -1.2
                                                                     0.8
                                                                           3.6
                                                                                16.3
## 4153
          23.1
                20.0
                       13.3
                              5.5
                                     5.3
                                          21.7
                                                25.0
                                                       23.1
                                                             19.6
                                                                   13.7
                                                                           6.6
                                                                                 3.2
           4.5
                             12.3
                                          21.3
                                                25.5
                                                             21.5
## 4154
                  4.8
                        7.2
                                   18.3
                                                       25.1
                                                                   14.3
                                                                           8.8
                                                                                 5.6
## 4155
           1.0
                 3.4
                        6.3
                             12.0
                                   17.5
                                          23.5
                                                27.3
                                                       24.8
                                                             20.8
                                                                   13.2
                                                                          10.2
                                                                                 4.3
## 4156
          -0.1
                  3.1
                        9.0
                             10.9
                                   18.0
                                          21.8
                                                23.3
                                                       23.1
                                                             19.2
                                                                   14.0
                                                                           7.5
                                                                                -0.6
## 4157
           0.2
                 2.2
                        4.6 12.0
                                   17.9
                                          23.4
                                                23.6
                                                       26.3
                                                             19.8
                                                                   14.5
                                                                          11.1
                                                                                 6.5
## 4158
           4.2
                  4.7
                        6.8 13.5
                                   15.3
                                          22.6
                                                26.8
                                                       25.6
                                                             21.5
                                                                   13.5
                                                                           7.5
                                                                                 2.0
## 4159
          -2.2
                -1.4
                        6.3
                            10.1
                                   15.1
                                          20.9
                                                25.1
                                                       25.5
                                                             20.5
                                                                   12.9
                                                                          10.0
                                                                                 2.7
## 4160
          -4.1
                  1.7
                        6.7
                            12.3
                                   19.2
                                          22.4
                                                24.0
                                                       23.8
                                                             21.0
                                                                   13.2
                                                                           8.7
                                                                                 2.7
          -1.0
                            12.6
                                          23.7
                                                25.9
                                                             23.0
## 4161
                 2.5
                        3.8
                                   15.2
                                                       26.5
                                                                   14.3
                                                                           9.6
                                                                                 1.1
## 4162
           3.7
                  1.8
                        6.2
                            17.3
                                   22.3
                                          26.3
                                                25.1
                                                       19.4
                                                             13.5
                                                                   10.9
                                                                           6.5
                                                                                 3.0
## 4163
          -2.3
                 9.9
                      18.4
                             22.4
                                   24.4
                                          24.1
                                                21.3
                                                       17.5
                                                              7.3
                                                                    2.5
                                                                           2.2
                                                                                 2.1
                15.2
                       24.0
                             26.0
                                   23.4
                                          20.9
                                                              3.0
                                                                   -2.2
## 4164
          12.6
                                                13.0
                                                        7.5
                                                                          12.5
                                                                                17.3
## 4165
          20.1
                23.4
                       25.0
                            18.9 12.7
                                          10.6
                                                        0.6
                                                              0.6
                                                                    9.0
                                                                          14.4
                                                 2.2
                                                                                19.1
## 4166
          24.6
                28.0
                       25.4
                             22.0
                                                      -1.2
                                   15.0
                                           8.5
                                                 0.5
                                                              2.5
                                                                     6.4
                                                                          13.1
                                                                                18.7
          23.6
                       24.9
                             21.9
                                                        2.8
                                                                   10.8
                                                                          12.9
## 4167
                28.1
                                   14.9
                                          10.6
                                                 5.9
                                                              4.8
                                                                                19.0
                       25.3
## 4168
          22.5
                27.2
                             20.9
                                   15.0
                                           6.3
                                                 5.3
                                                        2.0
                                                              0.7
                                                                    4.3
                                                                          11.6
                                                                                16.9
## 4169
          22.7
                27.4
                      23.5
                             19.7
                                   15.3
                                           6.9
                                                 2.8
                                                      -2.5
                                                             -1.1
                                                                                17.9
                                                                     3.3
                                                                         11.3
## 4170
          22.8
                25.1
                       23.5
                             21.1
                                   15.2
                                           6.6
                                                 4.5
                                                       -1.8
                                                             -4.9
                                                                    3.1
                                                                         12.3
                                                                                19.8
          22.0
                26.0
                       25.9
                             23.1
                                                              3.0
                                                                    9.2
## 4171
                                   14.0
                                          11.4
                                                 9.9
                                                        0.9
                                                                          11.9
                                                                                16.9
## 4172
          22.7
                26.4
                       26.5
                             22.3
                                   14.9
                                           9.8
                                                 3.3
                                                        3.3
                                                              5.0
                                                                    4.3
                                                                          13.8
                                                                                16.3
                25.2 23.5 21.5
## 4173
          22.8
                                   17.7
                                           8.1
                                                 1.8
                                                      -0.4
                                                              5.1
                                                                     4.4
                                                                           9.5
                                                                                19.2
          22.3
                                                              2.3
                                                                         13.0
## 4174
                25.6
                      26.1
                            21.8
                                   14.1
                                           6.9
                                                 4.2
                                                        0.0
                                                                    5.0
                                                                                17.5
          22.6 27.0 24.5 21.5
                                                 3.1
## 4175
                                   15.4
                                           5.9
                                                        3.8
                                                              4.5
                                                                    8.9
                                                                         10.1 16.0
```

```
23.6 27.2 25.5 20.7 14.7 10.9
## 4176
                                           3.4
                                                1.8
                                                     0.4
                                                            7.4 12.3 18.0
## 4177
         24.3 26.2
                    26.6 22.7
                              18.1
                                     8.6
                                           7.0
                                               -1.6
                                                     17.2 16.8
                                                                15.2
                                                                      17.4
                                    10.0
                                          18.5
## 4178
         11.4 -4.4 11.1 14.1
                               1.3
                                               12.5
                                                      0.9
                                                           24.9 17.9
                                                8.0
## 4179
         -7.5 23.0
                          9.0 23.8 -4.1
                                          -1.8
                                                           24.2 23.7
                    8.1
                                                     13.7
                                                                       5.1
## 4180
         -0.9
              -2.0
                   -9.4
                          8.2 14.4 23.1
                                          23.6
                                               23.6
                                                     19.2
                                                           11.1
                                                                 5.4
                                                                     -0.7
## 4181
         -4.3
               3.5 17.1
                          8.1 13.9 -12.8
                                           2.6
                                               13.7
                                                     16.4
                                                          11.1 -17.8 -10.9
## 4182
          0.2
               9.4
                    7.3 10.8 15.1 16.0 17.3 17.6
                                                     15.3
                                                          13.1 13.1 10.7
## 4183
         12.0 10.8 12.8 14.6 12.0 11.7 19.3 17.7 17.1
                                                          16.9 15.0
## 4184
         11.9
              13.9
                   14.9
                         16.7
                              20.0
                                    19.2
                                          17.4
                                               14.8
                                                     12.9
                                                          11.2
                                                                13.6
         14.8 17.2 18.7
                         14.9 11.8
                                    10.6
                                           9.4
                                               12.7
                                                     13.1
                                                          15.9 17.1
## 4185
                                                                      18.1
                              13.3
                                          13.7
## 4186
         18.5 16.8 14.2 10.5
                                    13.2
                                                15.9
                                                     19.2
                                                           20.1
                                                                19.6
                                               17.0
                                                                20.4
## 4187
         16.9 13.5 14.4
                         13.9
                              14.1
                                    12.3
                                          16.2
                                                     18.0
                                                           18.4
                                                                      20.4
## 4188
         19.2 14.9 14.6
                        12.9
                              11.7
                                    15.2
                                          15.8
                                               16.3
                                                     18.6
                                                           21.1
                                                                20.4
                                                                      19.8
## 4189
         17.6 16.2 13.5
                          9.4 10.9
                                    13.2
                                          14.7
                                                15.9
                                                     17.5
                                                           18.9
                                                                17.8
## 4190
         15.2 12.8 11.7 14.3
                              13.3
                                    11.9
                                          13.6
                                               13.6
                                                     15.6
                                                          18.4
                                                                18.9
                                                                      17.5
## 4191
         15.2 11.7 10.3 11.8 10.8
                                    10.5
                                          14.0
                                               14.1
                                                     15.9
                                                           17.6
                                                                17.7
                                                                      17.3
## 4192
         15.4 12.5
                   11.6 14.1 11.1
                                    12.1
                                          14.8
                                               16.0
                                                     17.4
                                                           18.8
                                                                20.1
                                                                      17.1
## 4193
         13.9 12.2 10.9 12.1
                              11.3
                                    12.4
                                          12.6
                                               14.7
                                                     16.8 18.0 12.7
## 4194
         10.8 12.1 13.2 14.0 15.1 16.9
                                          19.2
                                               18.3
                                                     14.2 11.0 10.2 10.4
                                               17.2
## 4195
         12.7 14.9 15.2 17.5 17.5
                                    19.4 18.3
                                                     14.1
                                                           11.8
                                                                11.3
                                                                      11.9
## 4196
         12.5 11.3 15.9 16.3 18.7
                                    20.1
                                          19.9
                                               18.4
                                                     16.2 12.7
                                                                14.0 16.0
## 4197
         14.9 15.7 17.4 18.3 20.0
                                    19.2 20.0
                                               17.3
                                                     14.5
                                                          10.4 12.3 10.3
         11.9 14.2 15.5 18.0 19.7
                                    20.2 18.6 17.0 17.0 12.7
## 4198
                                                                14.0
                                                                     13.5
## 4199
         15.2 18.5
                   18.1 18.0 17.8
                                    15.5
                                          14.0
                                               11.9
                                                     10.4 12.5
                                                                11.9
## 4200
         17.1 18.1 18.7 17.1 14.2 11.2 13.3 12.6 13.4 14.9
                                                                16.6 18.6
                                          12.4
## 4201
         20.3 20.3 20.0 14.9 12.1 13.6
                                               14.0
                                                     16.4 17.3
                                                                19.2 21.2
## 4202
         22.9 17.5 13.2 11.4 13.1
                                    15.3
                                          20.2
                                               19.7
                                                     19.1
                                                           18.0
                                                                13.9
                                                                     14.3
## 4203
              13.8 14.2 15.5 17.2
                                    19.0
                                          17.6
                                               16.9
                                                     13.9
         15.7
                                                           12.4
                                                                14.1
                                                                      13.9
## 4204
         17.4 17.4 18.4 19.1 19.7
                                                     13.4
                                                          16.2 16.9
                                    19.7
                                          15.9
                                               11.7
                                                                      20.1
         19.4 18.4 18.1 15.2 13.0
                                                14.4
## 4205
                                    13.1
                                          11.2
                                                     16.0
                                                          17.9
                                                                19.5
                                          17.6
## 4206
         18.3 17.8 13.4
                         11.9
                               13.6
                                    15.6
                                               19.8
                                                     19.8
                                                          19.3
                                                                18.3
                                                                      15.6
## 4207
         12.5 12.4
                   13.5
                         12.4 14.0
                                    15.9
                                          17.9
                                               18.4
                                                     18.1
                                                          17.4
                                                                13.4
                                                                      13.8
## 4208
                                    16.0
         15.3 14.5 17.1
                         19.4 17.4
                                          11.9
                                                12.9
                                                     14.1
                                                          14.8 15.1
## 4209
         16.9 18.5 18.5 16.9 15.8
                                    13.2
                                          13.0
                                               13.0
                                                     11.0 15.4 17.1 19.3
## 4210
         18.4 16.9 16.1 15.3 12.3
                                    11.4
                                          12.6
                                               13.5
                                                     14.4
                                                           16.2
                                                                18.4
                                                                      18.2
## 4211
         17.3 16.7
                   14.5 11.4 11.5
                                    11.6
                                          13.9
                                               14.8
                                                     16.8
                                                          18.2 19.0
                                                                     19.2
## 4212
         17.5 16.5 11.2 12.1 12.8
                                    15.6
                                          17.0
                                               18.8
                                                     17.7
                                                           11.5 12.6
## 4213
         13.4 14.4 16.2 16.2 17.2 17.6 14.9
                                               12.7
                                                     13.8 11.7 15.8
## 4214
         16.6 19.1 17.8 17.6 17.0
                                    14.6
                                          13.8
                                               13.0
                                                     14.2
                                                          15.6 17.0
                                                                      17.4
         19.6 18.0 15.6 12.5 12.6 16.6
                                                     17.8 19.1 17.5
## 4215
                                          16.6
                                               17.7
## 4216
         14.6 13.0 15.0 17.5 17.2 19.9
                                          19.3
                                               19.8
                                                     19.4
                                                          17.2 15.3
## 4217
         15.6 16.1 18.1 20.8 22.4 23.6
                                          21.1
                                               15.6 13.2 16.1
                                                                16.4
                                                                     17.3
## 4218
         19.7 19.1 19.9 18.2 16.6
                                    13.2
                                          13.8
                                                15.8
                                                     15.9
                                                           17.5
                                                                19.7
                                                                      19.0
## 4219
         21.2 16.1 16.0 13.0 15.7
                                    15.5
                                          17.2
                                                20.9
                                                     22.9
                                                           20.2
                                                                18.5
                                                                     17.0
## 4220
         12.8 14.1 11.5 14.9 15.4 17.8
                                          18.5
                                                19.1
                                                     20.3
                                                          17.9
                                                                15.5
## 4221
         13.2 14.9
                   16.3 17.8 17.1
                                    19.0
                                          18.3
                                                          14.7
                                                                15.1
                                               18.7
                                                     13.6
                                                                      12.5
                               18.6
                                    17.7
## 4222
         13.9 15.2 17.4 19.1
                                          17.0
                                                15.8
                                                     11.1
                                                           13.6
                                                                -1.0
                                                                      -2.3
## 4223
          4.2
               6.7
                   12.8 21.0 24.9
                                    23.0
                                          17.6
                                                 9.3
                                                      8.1
                                                           -0.1
                                                                -4.6
                                                                      -8.0
## 4224
          5.3
               8.2 13.8 21.6 21.5 22.4
                                          18.1
                                                13.4
                                                      3.1
                                                            0.4
                                                                -8.0
                                                                      20.5
## 4225
          7.5 18.4
                    20.8 12.0 27.1
                                    21.4
                                                           22.1
                                                                28.2
                                                                      25.7
                                          15.0
                                                8.1
                                                     13.1
## 4226
         24.2
              16.6 10.3
                          7.3
                               18.3
                                    27.9
                                          26.9
                                                7.9
                                                     17.3
                                                           24.1
                                                                29.9
                                                                      14.9
## 4227
          8.9
                    4.4 16.5 20.8 26.3 27.1
                                                     26.2 20.9 14.0 14.8
               6.9
                                               27.8
## 4228
          7.1 - 7.6 - 1.8
                         0.4 13.0 22.2 18.6
                                                3.0 -7.3 -0.1 19.3
                                                                     21.0
          7.6
               3.8 -10.1 17.5 20.7 21.8 21.1
                                                 2.2 -8.7 -8.9
## 4229
                                                                 8.6 13.6
```

```
2.9 -8.2 -4.0
                                 8.4 19.9 19.1 16.6
## 4230
          9.8
                                                         7.5 - 5.7
                                                                    -8.6 -4.8
## 4231
         12.0 20.5 23.6 23.3 16.7
                                       11.4
                                              3.8
                                                  -6.8
                                                        -7.9
                                                              -4.9
                                                                     8.3
                                                                          21.3
                     4.3 - 0.7
                                      -1.3
                                                                    20.9
## 4232
         25.1 10.6
                                -4.4
                                              9.3
                                                  18.0 22.2
                                                              25.8
## 4233
         -1.4 -5.9 -5.4
                            7.0 15.9
                                            22.1
                                                   21.6 17.8
                                                              10.0
                                       20.1
                                                                     1.8 -11.8
## 4234
        -11.8 15.5 21.8
                          23.3
                                17.4
                                      11.4
                                              0.5
                                                   -5.8 -11.3
                                                              15.9
                                                                     20.0
                                                                          21.3
## 4235
         20.8 19.4 10.8
                            5.2 -6.5
                                       8.8
                                            22.4
                                                  22.2
                                                        18.5
                                                              12.3
                                                                     6.3
                                                                          -4.2
          0.9
              10.9 14.1
                          22.1
                                19.2
                                      11.7
                                              2.5
                                                   -6.7
                                                          3.7
                                                              18.7
                                                                    21.7
## 4236
## 4237
         21.6 17.5 -0.3
                          -9.1
                                -7.0
                                       8.9
                                             13.8
                                                  19.5
                                                        23.6
                                                              19.9
                                                                    19.3
                                                                          -0.3
## 4238
         -3.4
               -5.0
                      7.3
                           14.3
                                 21.2
                                       23.8
                                             21.2
                                                   15.3
                                                         7.4
                                                               5.4
                                                                    -2.9
                                                                          -5.0
## 4239
        -10.8
                9.6
                     14.9 22.6
                                21.8
                                       21.3
                                                          2.5
                                                              -0.8 -10.3
                                                                          -4.3
                                             17.0
                                                   12.7
                                       25.3
## 4240
          0.8
                2.7
                     12.0
                          14.5
                                 25.1
                                             22.1
                                                   20.9
                                                        11.3
                                                               6.0
                                                                     0.2
## 4241
                     23.0
         15.7
               22.4
                          16.3
                                 9.3
                                       4.0
                                             -5.6
                                                    8.8 18.3
                                                              23.2 19.4
                                                                          13.9
               -8.5
                     -7.3
## 4242
          2.6
                            9.3 15.0
                                       21.7
                                             22.4
                                                  18.2
                                                        11.2
                                                               3.8 - 11.1
                                                                          -2.3
## 4243
          8.5
              16.3
                     20.5
                          19.2 20.9
                                       18.2
                                              7.6
                                                    6.6 - 10.1
                                                              -6.4
                                                                     4.8
                                                                          14.0
## 4244
         17.0
              21.7
                     24.8
                           24.1
                                 17.3
                                       12.5
                                              4.0
                                                  -7.6
                                                        -7.4
                                                              -4.0
                                                                      2.1
                                                                           9.9
## 4245
         16.3 20.4
                     26.4
                           23.4
                                16.6
                                       11.5
                                              5.3
                                                   -0.7
                                                        -3.7
                                                              -0.5
                                                                     10.9
                                                                          10.6
## 4246
         19.5
              23.1
                     27.8
                          21.1
                                17.0
                                       10.1
                                              3.0
                                                  -1.5
                                                        -4.1
                                                              -3.9
                                                                     -2.4
                                                                           7.5
## 4247
         16.8 21.7
                     23.2 23.4
                                20.2
                                       10.2
                                              2.2
                                                  -7.8 -11.1 -11.4
                                                                    -0.9
                                                                           9.6
## 4248
         15.9 22.0 20.3 22.1
                                17.1
                                      10.8
                                             -0.2
                                                  -2.1
                                                        -4.9
                                                              -9.4
                                                                     2.3
                                                                          11.6
                                                              -0.7
## 4249
         16.3 21.7
                     23.1 21.6
                                20.7
                                       12.2
                                              6.0
                                                    2.1
                                                        -6.2
                                                                     5.8
                                                                          10.7
## 4250
         15.9 23.7
                     22.8 23.7
                                20.7
                                       14.5
                                              7.2
                                                  -4.9
                                                         -3.8
                                                               3.1
                                                                     3.1
                                                                          12.7
## 4251
         16.4 23.6
                    23.2 19.6 20.5
                                       13.4
                                              3.1
                                                   -4.1
                                                         -5.4
                                                              -3.5
                                                                     1.7
         20.3 23.9
                     24.0 23.4
                                       10.6
                                                  -1.6
## 4252
                                18.6
                                              0.2
                                                        -6.9
                                                              -6.0
                                                                    -0.2
                                                                          10.6
## 4253
         15.3 20.7
                     24.2 22.8
                                 20.1
                                        9.7
                                              1.8
                                                   -0.7
                                                         -4.5
                                                              -1.5
                                                                     4.8
                                                                          10.0
                                                              12.7
## 4254
         15.6 22.8 25.1 21.5 17.0
                                        9.0
                                              6.1
                                                  -2.9
                                                        -3.6
                                                                    11.9
                                                                          18.5
                                        6.5
                                              6.5
## 4255
         27.6 25.6
                     26.4
                          19.8
                                12.5
                                                   18.5
                                                         24.1
                                                              26.8
                                                                    27.5
## 4256
         26.4 18.5
                     13.8
                            7.1
                                11.4
                                       22.0
                                             22.4
                                                   27.6
                                                        27.0
                                                              23.5
                                                                    14.7
                                                                          12.8
## 4257
               19.8
                     24.4 25.9
                                 27.1
                                      18.8
                                             12.8
                                                   13.7
                                                         14.6
                                                              18.8
                                                                    21.8
         13.9
                                                                          26.5
## 4258
                     25.3
                          19.9
                                16.4
                                                         22.6
                                                              26.2
         25.8 26.3
                                        6.0
                                             12.1
                                                   18.7
                                                                    26.4
                                                                          27.2
## 4259
         26.9 22.8
                      9.6
                            8.5
                                 21.3
                                       23.4
                                             26.2
                                                   27.7
                                                         27.2
                                                              24.5
                                                                    21.9
                                                                          19.8
                                       27.3
                                             27.7
## 4260
          8.6 11.7
                     19.1
                           22.7
                                 26.4
                                                   25.7
                                                         20.5
                                                              15.4
                                                                    13.6
                                                                          15.4
## 4261
         20.0 22.7
                     25.0
                           26.9
                                 29.8
                                       27.4
                                             20.5
                                                   14.9
                                                         12.4
                                                               7.3
                                                                    17.5
                                                                          17.8
         23.9 26.4
                     28.3
                                                         25.1
                                                              27.0
                                                                    27.3
## 4262
                          27.7
                                21.6
                                      15.5
                                             10.2
                                                   16.5
                                                                          26.8
## 4263
         27.5 14.3 12.4
                          13.5
                                19.7
                                       22.5
                                             26.1
                                                   27.5
                                                         27.0
                                                              24.5
                                                                    21.6
                                                                          17.2
                                                         -7.9
## 4264
         10.0 10.5
                     2.6
                            4.6
                                24.9
                                       22.9
                                             10.3
                                                   23.0
                                                              10.0
                                                                    16.8
                                                                          21.0
## 4265
         -4.5
              14.6 23.4 25.0 19.3
                                      13.5
                                             -6.2
                                                   11.0
                                                        26.6
                                                              23.8
                                                                    16.9
                                                                          13.2
## 4266
          7.6
                0.5
                    11.9 19.9 10.2
                                        4.1
                                             21.9
                                                   20.3
                                                        -9.0
                                                              10.1
                                                                    17.2 22.0
## 4267
          1.4 -4.1
                     -7.3
                          18.3
                                23.3
                                        7.8
                                             -3.1
                                                    0.1
                                                         16.9
                                                              -5.2
                                                                    10.7
                                                                          16.7
                     -0.9
                                             22.5
                                                              -2.3
## 4268
         24.9 21.3
                           -1.5
                                 9.2
                                       24.9
                                                   17.9
                                                         7.6
                                                                    -6.7
                                                                          11.0
         15.8 23.4 23.1 23.6 20.8
                                      14.8
                                                        -6.2
## 4269
                                              4.0
                                                    3.5
                                                              -4.8
                                                                    -0.3
                                                                          17.0
## 4270
         21.3 21.6
                      8.3
                           21.7
                                17.1
                                      11.5
                                              0.0
                                                  -1.0
                                                        17.6
                                                              21.2 22.6
                                                                     2.8
## 4271
         17.7 12.3
                      4.3
                          -6.0
                                -4.5
                                      11.4
                                             17.0
                                                  21.0
                                                        17.1
                                                              11.8
                                                                          -3.2
## 4272
                           21.4
                                21.3
                                       19.9
                                             12.5
                                                    8.7
                                                         -2.6
                                                               0.7
         -7.8
              11.6 18.6
                                                                    11.3
                                                                          16.5
## 4273
         22.8
               23.8
                     20.2
                          13.9
                                  6.9
                                        5.2
                                                  16.6
                                                        21.8
                                                              20.8 18.4
                                             14.5
                                                                          13.8
## 4274
               -3.6
                      3.5
                           22.9
                                 22.9
                                       20.2
          5.9
                                             12.7
                                                    3.6
                                                        -1.4
                                                              11.4
                                                                    18.4
## 4275
         24.0
               22.4
                     21.4
                                  2.4
                                       8.4
                                                   22.8
                                                         25.4
                                                              22.8
                                                                    17.5
                            3.5
                                             16.0
                                                                          12.9
                           24.7
## 4276
          8.4
                1.5
                     -1.1
                                 13.8
                                       11.6
                                             12.7
                                                   -4.3
                                                         12.2
                                                               2.3
                                                                    12.7
                                                                          25.0
## 4277
         23.0
              20.1
                     14.3
                            7.7
                                 -1.9
                                        3.8
                                                   26.7
                                                         22.2
                                                                6.1
                                                                    -3.2
                                                                          25.0
                                             11.6
## 4278
          1.9
               22.8 25.2
                           23.4
                                 0.4
                                       10.3
                                             25.3
                                                   23.4
                                                         0.6
                                                              -0.1
                                                                    -7.8
                                                                          11.1
## 4279
                     24.8
                           25.0
                                              7.3
                                                    2.6
                                                              -6.0
                                                                    -1.6
         16.7
               24.8
                                21.2
                                       13.4
                                                         -2.5
                                                                           4.4
## 4280
         12.9
                8.3
                      4.7
                            9.4
                                17.4
                                       -2.4
                                             14.5
                                                   -4.7
                                                         -3.7
                                                              10.7
                                                                    16.0
                                                                          19.9
## 4281
         -5.0
               -4.6
                     -5.4
                            3.6
                                 9.8
                                      18.5
                                            21.2
                                                  18.1
                                                        13.7
                                                               6.2
                                                                     3.4
                                                                          -1.8
## 4282
         -5.3
               7.7 14.2 26.9 25.1
                                        6.0
                                              6.2
                                                    4.1
                                                        15.4 19.5 24.4
                                                                          25.7
                                        3.9 17.7 18.6 23.5 27.1 28.4 27.9
## 4283
         25.6 22.0 18.4
                           8.8 12.5
```

```
22.6 16.2 15.9 19.5 22.1
## 4284
          27.6 26.3
                                                     25.4
                                                           26.6
                                                                 26.9
                                                                        28.2
                                                                              26.9
                                                                        25.7
## 4285
          24.8
               18.8
                      19.9
                            15.1
                                  22.1
                                         24.8
                                               28.7
                                                     28.2
                                                           28.0
                                                                 27.5
                                                                              22.3
                                         23.4
                                               26.2
                                                           27.9
                                                                 26.7
## 4286
          20.3
               18.6
                      17.8
                            18.0
                                  22.5
                                                     27.4
                                                                        24.8
                                                                              21.3
## 4287
                            21.0
                                         25.3
                                               26.8
                                                     27.6
          17.5
                16.5
                      17.3
                                  21.1
                                                           27.2
                                                                  27.3
                                                                        23.7
                                                                              19.6
## 4288
          17.5
                14.0
                      20.6
                            20.3
                                  22.0
                                         24.5
                                               26.9
                                                     27.3
                                                           27.2
                                                                  25.9
                                                                        24.9
                                                                              21.8
## 4289
          20.2 16.9
                      17.7
                            25.6
                                 26.5
                                        27.1
                                               27.4
                                                     24.8
                                                           25.7
                                                                 19.8
                                                                        13.4
                                                                              18.9
## 4290
                25.9
                      27.1
                            27.7
                                  27.4
                                         26.9
                                               24.8
                                                     22.6
                                                           16.7
                                                                 16.3
                                                                        18.3
          21.6
          20.9
                25.0
                      27.7
                            27.6
                                  27.9
                                         24.5
                                               21.8
                                                     17.2
                                                           17.6
                                                                 17.7
## 4291
                                                                        19.0
                                                                              20.3
## 4292
          24.4
                27.0
                      28.9
                            16.4
                                  24.0
                                         27.0
                                               27.0
                                                     26.4
                                                           24.0
                                                                 19.6
                                                                        17.1
                                                                              21.8
                26.8
## 4293
                      20.9
                            20.3
                                  25.8
                                         26.7
                                               26.5
                                                           15.6
          27.8
                                                     18.2
                                                                 16.6
                                                                        26.8
                                                                              27.1
## 4294
          27.8
                26.9
                      25.0
                            13.8
                                  21.7
                                         25.5
                                               28.0
                                                     28.6
                                                           28.0
                                                                  27.7
                                                                        24.0
                      18.7
                            20.1
                                               27.2
                                                     27.7
                                                           27.8
                                                                 27.1
## 4295
          11.3
                16.0
                                  23.9
                                         25.1
                                                                        23.7
                                                                              22.6
                            21.8
                                                           27.0
## 4296
          20.9
                16.6
                      20.1
                                  22.6
                                         25.1
                                               26.3
                                                     27.3
                                                                  26.7
                                                                        24.1
                                                                              18.7
## 4297
          19.3
               19.9
                      18.6
                            16.5
                                  23.6
                                         24.1
                                               27.0
                                                     26.8
                                                           27.3
                                                                  26.6
                                                                        24.3
                                                                              23.0
## 4298
          20.9
                16.4
                      20.1
                            19.9
                                  22.7
                                         24.8
                                               26.3
                                                     26.2
                                                           26.9
                                                                  25.9
                                                                        23.0
                                                                              18.5
## 4299
          19.0
               17.9
                      16.6
                            22.0
                                  24.9
                                         25.9
                                               27.6
                                                     27.6
                                                           27.8
                                                                 27.3
                                                                        25.4
                                                                              25.2
## 4300
          23.3 16.3
                      17.2
                            21.8
                                  22.6
                                         24.8
                                               27.6
                                                     28.7
                                                           27.9
                                                                 27.1
                                                                        25.4
                                                                              20.4
## 4301
          21.4
               18.6
                      19.9
                            20.4
                                  23.6
                                         25.5
                                               26.6
                                                     28.2
                                                           28.2
                                                                 27.1
                                                                        24.5
                                                                              22.1
          18.6
                                               26.6
## 4302
               16.5
                      22.2
                           18.4
                                  22.8
                                         24.6
                                                     27.5
                                                           27.5
                                                                 27.6
                                                                        26.1
                                                                              21.8
## 4303
          19.0 17.1
                      21.0
                            20.3
                                  23.3
                                         25.6
                                               27.9
                                                     27.3
                                                           27.0
                                                                 28.1
                                                                        27.1
                                                                              21.0
## 4304
          20.3
               19.0 19.9 22.4
                                  23.9
                                         24.9
                                               27.1
                                                     28.4
                                                           28.3
                                                                 27.6
                                                                        26.6
                                                                              23.8
## 4305
          16.9
               16.8
                     20.3 21.0
                                  22.5
                                         25.3
                                               26.7
                                                     27.4
                                                           28.3
                                                                 27.2
                                                                        26.2
                            -2.3
## 4306
          21.1
               16.3
                     -1.0
                                    4.2
                                          6.7
                                               12.8
                                                     21.0
                                                           24.9
                                                                 23.0
                                                                        17.6
                                                                               9.3
## 4307
           8.1
                -0.1
                      -4.6
                            -9.2
                                    5.3
                                          8.1
                                               13.2
                                                     21.1
                                                           20.9
                                                                 21.7
                                                                        17.5
                                                                              12.5
## 4308
           2.0
               -0.6
                     -9.5
                             8.2
                                    9.3
                                         10.3
                                               -1.5 -12.1
                                                            4.7
                                                                   6.8
                                                                              -2.8
                                                                        -7.9
## 4309
           4.1
                 9.3
                     10.6
                            10.9
                                    7.5
                                          1.3 - 13.4
                                                     -5.6 - 15.4
                                                                   2.4
                                                                        -1.9
                                                                               2.5
## 4310
          13.4
               18.3
                      23.2
                            15.9
                                    9.5
                                          6.4
                                               -0.6
                                                     -5.9
                                                            6.8
                                                                  21.0
                                                                        18.5
                                                                               4.4
                 9.0
                      12.0
                            19.7
                                  21.5
                                         20.0
                                               10.5
                                                      4.3
                                                           -2.3
                                                                  -5.9
## 4311
          -4.1
                                                                        -1.2
                                                                               8.1
                      20.0
                             9.3
                                         -2.2
## 4312
          14.4
               18.4
                                  -3.0
                                               11.3
                                                     15.7
                                                           23.7
                                                                  23.2
                                                                         7.2
                                                                               2.1
## 4313
          16.8
                16.7
                      11.0
                             4.6
                                  -2.5
                                         16.1
                                               20.4
                                                      7.6
                                                           13.9
                                                                  20.6
                                                                         2.8
                                                                              -4.1
                      -2.6
## 4314
          -8.1
                 8.9
                            -0.7
                                    8.9
                                         23.0
                                               23.3
                                                     20.3
                                                           13.9
                                                                   8.7
                                                                        -0.9
                                                                               2.9
## 4315
          20.2
                -2.6
                      -0.3
                            20.8
                                    2.5
                                          8.4
                                               13.3
                                                     23.5
                                                            2.6
                                                                   0.0
                                                                        -0.7
                                                                               6.4
                20.7
                      23.6
                            21.3
## 4316
          13.7
                                  16.4
                                         10.6
                                                8.0
                                                      0.9
                                                           -1.4
                                                                  -5.2
                                                                         8.7
                                                                              13.5
                                                                        18.1
## 4317
          20.9
                21.6
                      22.7
                            18.8
                                  14.4
                                          4.9
                                                2.6
                                                     -5.4
                                                           13.0
                                                                 15.2
                                                                              25.4
## 4318
          27.8
                28.5
                      28.5
                            26.7
                                  23.4
                                         19.9
                                               15.8
                                                     14.1
                                                           13.3
                                                                 19.2
                                                                        24.9
                                                                              28.3
## 4319
          29.3
               29.0
                      27.4
                            23.0
                                  18.1
                                         14.7
                                               12.8
                                                     14.6
                                                           18.0
                                                                 24.8
                                                                        27.4
                                                                              28.2
## 4320
          28.9
               26.0
                      23.3 20.2
                                    9.8
                                         10.6
                                               15.4
                                                     19.5
                                                           25.6
                                                                 27.8
                                                                        28.5
## 4321
          24.6 18.4
                      18.7
                             9.7
                                  12.5
                                         20.1
                                               26.3
                                                     27.8
                                                           28.1
                                                                 29.3
                                                                        27.1
                                                                              23.8
## 4322
          20.6
               12.9
                      16.8
                           19.1
                                  27.9
                                         29.0
                                               17.8
                                                     13.1
                                                           13.1
                                                                 15.7
                                                                        16.7
                                                                              27.4
                      27.6
                            22.8
                                                           25.0
## 4323
          28.5
               29.3
                                  17.9
                                         11.5
                                               14.3
                                                     17.9
                                                                 27.7
                                                                        29.3
                                                                              29.3
## 4324
                23.6
                      20.8
                            15.9
                                  16.8
                                        14.0
                                               18.5
                                                     27.8
                                                           28.7
                                                                  29.0
                                                                        26.5
          27.0
## 4325
          19.7
               16.5
                      18.0
                            19.2
                                  26.7
                                         29.8
                                               29.0
                                                     29.7
                                                           27.6
                                                                 22.7
                                                                        20.1
                                                                              14.5
                      21.2
                            26.6
                                  28.7
                                         29.1
                                               29.7
                                                     26.0
                                                           24.2
## 4326
          12.3
               16.3
                                                                 16.8
                                                                        16.4
                                                                              13.1
## 4327
                19.9
                      28.6
                            29.5
                                  27.7
                                         24.1
                                               17.6
                                                     16.8
                                                           28.4
                                                                 16.7
          17.3
                                                                        15.8
                                                                              25.8
## 4328
                28.7
                      27.8
                            25.2
                                  23.3
                                         21.3
                                               14.2
          28.0
                                                     22.6
                                                           15.9
                                                                 16.2
                                                                        27.0
          25.1
                29.2
                      22.9
                                  29.5
                                         19.4
                                               14.6
                                                     15.1
                                                                        27.4
                                                                              27.0
## 4329
                            19.5
                                                           20.9
                                                                 25.1
                                         27.3
## 4330
          22.9
                18.9
                      17.1
                            18.6
                                  23.1
                                               29.4
                                                     28.0
                                                           28.0
                                                                  26.2
                                                                        22.2
                                                                              18.6
## 4331
          15.4
                15.6
                      18.5
                            23.3
                                  26.5
                                         28.9
                                               30.3
                                                           26.2
                                                                 23.5
                                                                        13.8
                                                                              13.6
                                                     31.8
## 4332
          23.3
               27.4
                      29.8
                            29.7
                                  30.8
                                         27.8
                                               22.3
                                                     14.7
                                                           24.8
                                                                 25.6
                                                                        28.1
                                                                              29.3
                      23.1
                            19.2
                                                           26.3
## 4333
          30.2
               28.5
                                  14.7
                                         16.4
                                               16.7
                                                     24.4
                                                                 29.1
                                                                        29.5
                                                                              30.1
## 4334
          27.2
                24.2
                      19.9
                            14.6
                                  17.4
                                         25.6
                                               28.7
                                                     29.2
                                                           29.6
                                                                 27.2
                                                                        17.4
                                                                              12.8
                     24.5
                                  29.2
                                                                 14.0
                                                                        23.5
## 4335
          14.8
               22.8
                            29.1
                                        29.9
                                               27.0
                                                     24.5
                                                           16.4
                                              13.4
                                                     17.3
## 4336
          27.8 29.1
                      29.4
                            27.5
                                  25.1
                                         20.2
                                                           22.8
                                                                 25.8
                                                                        29.8
                                                                              28.8
          27.7 25.6 21.3 17.1 20.9
                                         24.4 29.5
                                                    29.5 27.3 23.3 21.0 11.8
## 4337
```

```
## 4338
          18.1 22.0
                       27.3 29.4 29.3
                                          29.4 26.7
                                                      22.8
                                                            16.5
                                                                  14.1
                                                                         17.3
## 4339
          28.2
                29.8
                       30.8
                             28.4
                                   17.6
                                         17.3
                                                16.1
                                                      23.7
                                                             26.8
                                                                   27.2
                                                                          29.0
                                                                                29.5
                                   15.7
## 4340
          26.8
                23.1
                       20.7
                             15.7
                                          22.8
                                                23.9
                                                       16.5
                                                             10.5
                                                                    4.3
                                                                           7.3
                                                                                 6.7
                                                       23.5
## 4341
          16.5
                19.7
                       20.8
                             11.4
                                    5.1
                                          14.2
                                                21.0
                                                             25.5
                                                                   26.9
                                                                          21.4
                                                                                17.1
## 4342
           6.9
                -3.0
                        0.9
                              5.4
                                    7.1
                                          17.6
                                                20.6
                                                       20.9
                                                             25.7
                                                                   26.3
                                                                          20.5
                                                                                14.2
## 4343
           5.1
                  3.9
                        4.5
                              7.1
                                   16.2
                                          25.1
                                                27.2
                                                      19.8
                                                             14.0
                                                                    7.4
                                                                           3.2
                                                                                -0.4
                15.4
                      19.7
                             20.8
                                   26.4
                                          26.4
                                                19.8
                                                       15.6
                                                             10.7
                                                                    4.6
## 4344
           1.8
                                                                           1.9
                                                                                 3.3
                       21.5
                             24.1
                                   23.2
                                          21.6
                                                17.3
                                                        8.8
                                                                    4.6
## 4345
          11.1
                15.0
                                                              2.2
                                                                           6.9
                                                                                 8.5
## 4346
          15.0
                19.2
                       25.3
                             26.1
                                    6.5
                                           2.8
                                                 9.8
                                                      19.6
                                                             25.9
                                                                   25.5
                                                                          19.0
                                                                                 8.1
                             24.9
                                   25.0
                                          27.6
                                                22.5
                                                              1.5
                                                                                19.2
## 4347
           5.6
                 2.6
                      13.3
                                                       16.5
                                                                    3.3
                                                                          13.4
  4348
          26.0
                14.3
                       14.4
                             19.5
                                   24.4
                                          12.8
                                                 0.1
                                                        1.4
                                                             17.3
                                                                   28.0
                                                                          27.3
                                                                                15.5
                                                 7.0
## 4349
           0.3
                16.9
                       27.0
                             26.3
                                   19.5
                                          10.6
                                                       17.3
                                                             23.4
                                                                   25.4
                                                                          28.4
                                                                                25.4
##
   4350
          21.2
                 6.8
                        4.7
                             14.5
                                   20.0
                                          25.4
                                                25.2
                                                       24.0
                                                             22.6
                                                                   15.6
                                                                          -0.1
                                                                                24.5
## 4351
          20.7
                  5.3
                        1.5
                             -1.5
                                          26.9
                                                24.0
                                                       15.2
                                                              2.2
                                   15.9
                                                                    5.3
                                                                          15.9
                                                                                18.9
## 4352
          26.1
                10.8
                        9.4
                             19.6
                                   24.3
                                          26.7
                                                23.5
                                                       21.8
                                                             16.1
                                                                    9.7
                                                                           5.6
                                                                                11.4
##
  4353
          23.7
                26.9
                       24.8
                             22.7
                                   15.5
                                           5.4
                                                15.4
                                                       26.0
                                                             25.3
                                                                   24.7
                                                                          14.4
                                                                                 5.9
   4354
           4.4
                 4.9
                       13.8
                             24.6
                                   27.3
                                          20.7
                                                13.4
                                                       10.5
                                                              3.1
                                                                          14.0
##
                                                                   -1.1
                                                                                18.6
##
   4355
          24.8
                25.4
                       25.3
                             21.5
                                   17.5
                                           7.6
                                                 9.4
                                                        0.7
                                                             29.0
                                                                   18.5
                                                                          22.3
                                                                                20.9
           8.9
  4356
                19.4
                      11.8
                             21.7
                                   28.5
                                          26.7
                                                21.0
                                                       16.2
                                                             14.7
                                                                   19.4
                                                                          22.1
                                                                                28.2
##
## 4357
          18.4
                 8.8
                       27.3
                             27.3
                                    9.6
                                          17.9
                                                22.5
                                                       25.1
                                                             28.3
                                                                   28.0
                                                                          14.8
                                                                                 9.0
## 4358
           8.5
                 7.2
                      17.9
                             21.3
                                   25.3
                                          25.6
                                                26.3
                                                       24.4
                                                             20.3
                                                                   13.5
                                                                          15.4
                                                                                 7.4
## 4359
           3.2
                 0.3
                       13.7
                             18.1
                                    24.3
                                          25.1
                                                24.9
                                                       21.3
                                                             17.5
                                                                    7.5
                                                                          10.6
                                                                                 0.8
## 4360
          11.8
                 8.8
                      13.3
                             21.2
                                   24.9
                                          26.9
                                                12.6
                                                        9.6
                                                              8.4
                                                                   21.1
                                                                          12.5
                                                                                 7.3
## 4361
          11.6
                26.5
                       23.5
                              9.2
                                   17.5
                                          26.3
                                                26.4
                                                      17.5
                                                              5.7
                                                                   18.6
                                                                          23.6
                                                                                27.4
          27.5
                                                             10.1
                       24.6
                                    5.4
                                          22.4
                                                23.5
                                                                   25.4
                                                                                25.2
## 4362
                27.3
                            12.6
                                                       13.3
                                                                           8.9
                                                23.4
## 4363
          23.4
                12.0
                      18.4
                             22.8
                                   25.9
                                          26.5
                                                       18.8
                                                             10.5
                                                                    6.2
                                                                          22.4
                                                                                27.0
## 4364
          24.0
                18.0
                       15.4
                             21.9
                                   26.7
                                          26.2
                                                16.3
                                                       23.2
                                                             26.2
                                                                   17.7
                                                                          21.1
                                                                                26.3
  4365
                15.7
                        8.7
                              6.6
                                    3.6
                                          12.4
                                                       18.2
                                                             -0.8
##
          20.3
                                                12.9
                                                                    2.3
                                                                          23.2
                                                                                22.8
                        8.3
                              7.0
## 4366
          20.2
                14.1
                                   20.9
                                          17.4
                                                 7.3
                                                       21.6
                                                             13.7
                                                                   13.9
                                                                          22.5
                                                                                21.2
                             23.2
## 4367
          10.9
                14.7
                       19.9
                                   22.0
                                          17.8
                                                 1.4
                                                        2.6
                                                             11.2
                                                                   14.1
                                                                          19.5
## 4368
          21.3
                17.0
                       13.3
                             -5.3
                                    6.4
                                          -1.6
                                                23.4
                                                       18.0
                                                             22.7
                                                                   26.8
                                                                          11.0
                                                                                18.7
##
  4369
          27.0
                18.2
                        8.0
                             18.5
                                   24.9
                                          26.7
                                                28.6
                                                       29.1
                                                             25.9
                                                                   20.2
                                                                          14.6
                                                                                 8.0
                             20.9
                                   21.8
                                          29.0
## 4370
           7.9
                11.8
                       16.4
                                                28.7
                                                       29.4
                                                             23.8
                                                                   17.5
                                                                          14.9
                                                                                11.5
                                                                         12.6
## 4371
          12.9
                13.7
                       19.8
                             20.1
                                   24.6
                                          27.2
                                                28.1
                                                       27.6
                                                             25.0
                                                                   19.3
                                                                                13.1
## 4372
          11.9
                12.0
                       12.0
                             18.0
                                   21.1
                                          26.8
                                                26.4
                                                       27.2
                                                             26.4
                                                                   20.6
                                                                         12.5
                                                                                10.7
## 4373
           5.6
                 9.7
                       13.5
                             18.8 21.4
                                          26.9
                                                25.5
                                                       28.2
                                                             26.0
                                                                   20.2
                                                                         11.4
                                                                                12.4
## 4374
           8.4
                 8.2
                      17.2
                             20.1
                                   22.1
                                          26.3
                                                28.5
                                                      27.3
                                                             25.0
                                                                   20.3
                                                                         15.6
## 4375
           8.6
                11.2
                      17.4
                             18.6
                                   21.8
                                          25.9
                                                27.5
                                                      27.6
                                                             26.1
                                                                   20.5
                                                                         15.0
                                                                                12.3
## 4376
          13.5
                15.5
                      17.0
                             20.2
                                   21.9
                                          24.8
                                                27.0
                                                       26.2
                                                             24.1
                                                                   19.8
                                                                         14.4
                                                                                 9.8
                                   24.4
                                                             26.0
## 4377
           6.2
                16.6
                      15.2
                             16.9
                                          27.1
                                                27.3
                                                       26.3
                                                                   21.2
                                                                         11.9
                                                                                11.1
## 4378
           9.0
                15.7
                       14.6
                             17.8
                                   24.4
                                          25.8
                                                27.6
                                                       28.0
                                                             27.6
                                                                   20.8
                                                                         12.0
## 4379
          11.4
                12.9
                       20.0
                             18.4
                                   21.4
                                          26.2
                                                26.2
                                                       26.4
                                                             23.9
                                                                   20.5
                                                                         16.1
                                                                                 9.4
                       16.5
                             17.1
                                   21.6
                                          25.1
                                                26.0
                                                       26.5
                                                             23.3
                                                                   20.0
## 4380
           9.2
                 8.4
                                                                          11.8
                                                                                15.3
## 4381
           7.5
                26.8
                       27.7
                             26.8
                                          15.9
                                                      22.0
                                                             17.2
                                                                   15.5
                                   18.7
                                                27.0
                                                                         19.7
                                                                                21.1
                       26.9
                             26.8
                                   27.3
                                          27.1
                                                19.2
                                                      15.5
## 4382
          22.7
                24.3
                                                             16.4
                                                                   19.1
                                                                          22.6
          24.2
                       26.7
                                          19.2
                                                16.4
## 4383
                27.0
                             27.4
                                   24.1
                                                      19.2
                                                             23.8
                                                                   24.4
                                                                          27.7
                                                                                22.3
                                   25.1
## 4384
          15.8 16.4
                       20.2
                             22.4
                                          26.4
                                                27.1
                                                      27.2
                                                             26.2
                                                                   24.5
                                                                          19.1
                                                                                20.0
## 4385
          15.9 -2.6
                      -7.9
                             -3.6
                                    8.9
                                          14.8
                                                19.1
                                                      18.4
                                                             13.7
                                                                    5.5
                                                                                -2.1
                                                                           1.5
## 4386
          -6.6 -11.1
                        2.9
                              8.1
                                  13.0
                                          9.3
                                                 0.1 - 10.9
                                                             -8.1
                                                                   -8.9
                                                                           3.4
                                                                                 7.2
          16.8 13.4
                              0.7 -10.0 -11.9
                                                -7.5
## 4387
                        8.0
                                                        3.3
                                                             14.3
                                                                   14.6
                                                                           6.1
                                                                                -7.4
## 4388
          -9.8
                 5.8
                       12.4
                             18.8
                                   11.3
                                           1.6
                                                -6.8 -11.0
                                                             -7.7
                                                                    7.2
                                                                          16.2
                                                                                12.3
                       -7.9
## 4389
           8.3
                 1.7
                             -9.9
                                   -6.7
                                           9.1
                                                18.1
                                                        6.5
                                                              0.9
                                                                   -7.6
                                                                          -7.4
                                                                                 1.2
## 4390
          13.4 16.4 14.0
                              7.5 -4.4 -14.5 -12.8
                                                        1.3
                                                              9.7
                                                                   12.1
                                                                           7.0
                                                                                -3.7
           3.2 14.7 -10.7 -8.3 -13.8 -9.5 -7.5
## 4391
                                                        0.2
                                                              9.3
                                                                   15.7
                                                                         18.9
                                                                                16.5
```

```
9.4 16.9 18.1 17.8 12.7
## 4392
           4.4
                 1.3 -3.9 -8.9 -14.6
                                          2.7
                                                                               22.9
## 4393
          -2.1
                -8.7 -17.1
                            -8.2 12.2
                                         17.1
                                               -0.2
                                                      11.2
                                                            -2.0
                                                                    9.3
                                                                         15.2
## 4394
          24.6
                -1.5
                      -3.3 -9.2
                                  10.9
                                         15.5
                                                23.4
                                                      23.5
                                                            23.6
                                                                   20.3
                                                                         13.9
                                                                                 4.7
## 4395
                      -7.0 -0.6
                                   7.4
                                                20.4
                                                      22.7
           2.2
                -8.1
                                         18.1
                                                            19.2
                                                                   11.7
                                                                          6.9
                                                                               -0.8
## 4396
          -4.0
                -5.3
                       2.7
                            16.0
                                   21.8
                                         22.7
                                                22.6
                                                      17.7
                                                             11.6
                                                                    6.6
                                                                          0.8
                                                                               -2.2
## 4397
          -6.3
                 6.7
                      16.7
                            22.6
                                  22.4
                                         18.5
                                                11.5
                                                       8.8
                                                             2.2
                                                                   -0.6
                                                                         -2.6
                                                                                 3.5
## 4398
          17.5
                20.3
                      25.0
                            25.1
                                   21.3
                                         12.2
                                                 5.4
                                                      -1.2
                                                            -4.7
                                                                    2.0
                                                                          3.4
## 4399
          22.3
                23.8
                      21.2
                            17.2
                                           6.1
                                                -0.6
                                                      -6.7
                                                            -1.2
                                                                    2.8
                                    9.8
                                                                         16.8
                                                                               18.7
## 4400
          23.1
                20.2 17.8
                            12.1
                                    7.6
                                           3.7
                                                -0.9
                                                       0.0
                                                             5.3
                                                                   14.9
                                                                         21.4
                                                                               24.6
          23.9
                                         -4.5
                                                 2.4
                                                            14.8
                                                                   22.4
                                                                               23.4
## 4401
                19.2
                      12.4
                              6.1
                                   -1.7
                                                       0.8
                                                                         23.1
                                                      17.6
## 4402
          17.1
                15.1
                        6.2
                              3.4
                                   -3.7
                                           0.1
                                                 5.6
                                                            19.4
                                                                   22.9
                                                                         22.2
                                                                               19.0
                                   -2.2
                                                            20.6
                                                                   23.3
## 4403
          12.6
                 7.8
                      -1.3
                            -1.5
                                           5.1
                                                10.3
                                                      18.1
                                                                         21.1
                                                                               17.8
## 4404
          12.2
                 3.9
                        1.1
                            -2.2
                                   -1.7
                                           5.9
                                                10.6
                                                      16.3
                                                            21.8
                                                                   24.4
                                                                         21.3
                                                                               17.8
## 4405
           9.5
                        1.6
                            -5.2
                                   -1.3
                                           4.8
                                                 9.2
                                                      16.4
                                                            20.4
                                                                   25.5
                                                                         23.9
                 6.1
                                                                               17.0
## 4406
           9.0
                 6.9
                      -0.2
                              0.8
                                   -0.9
                                           3.9
                                                 9.2
                                                      15.2
                                                            21.2
                                                                   22.6
                                                                         21.9
                                                                               18.6
## 4407
          12.8
                 5.6
                      -6.0
                              2.8
                                    2.2
                                           6.3
                                                11.1
                                                      14.9
                                                            21.1
                                                                   23.4
                                                                         22.1
                                                                               17.3
## 4408
          14.2
                 7.6
                        2.9
                            -1.4
                                    2.2
                                           5.7
                                                11.4
                                                      19.6
                                                            22.0
                                                                   23.7
                                                                         23.4
                                                                               18.2
## 4409
          12.6
                 6.4
                        2.1
                              0.1
                                    1.1
                                           3.0
                                                 9.3
                                                      15.2
                                                            20.3
                                                                   22.4
                                                                         20.8
                                                                               17.5
## 4410
           9.6
                              0.7
                                   -2.8
                                                10.3
                                                      17.2
                                                            21.4
                                                                   24.9
                                                                         23.6
                 6.2
                        1.1
                                           1.8
                                                                               17.8
## 4411
          10.9
                 6.2
                        0.6
                            -6.3
                                   -3.6
                                           2.8
                                                12.6
                                                      15.2
                                                            23.2
                                                                   25.3
                                                                         21.6
                                                                               18.3
                                                      15.5
## 4412
          11.8
                 8.9
                        3.1
                              1.3
                                   -2.1
                                           6.7
                                                 9.6
                                                            21.3
                                                                   24.5
                                                                         23.8
                                                                               18.0
## 4413
          13.8
                 2.7
                       -2.9
                            -3.9
                                   -1.2
                                           1.3
                                                 9.3
                                                      13.7
                                                            20.7
                                                                   21.3
                                                                         21.5
## 4414
          11.1
                 2.9
                        1.9
                            -2.7
                                    1.9
                                           3.8
                                                 8.8
                                                      13.1
                                                            19.8
                                                                   22.3
                                                                         20.6
                                                                               16.6
## 4415
          11.3
                 4.0
                        0.7
                              2.5
                                    3.7
                                           5.9
                                                11.0
                                                      18.3
                                                            20.0
                                                                   22.6
                                                                         22.6
                                                                               18.6
                 5.9
                        3.0
                            -0.9
                                    0.8
                                           3.2
                                                 9.4
                                                      15.3
                                                            21.1
                                                                   25.4
                                                                         22.2
                                                                               18.4
## 4416
          11.7
          10.3
## 4417
                 7.9
                        1.6
                            -2.0
                                   -0.6
                                           6.7
                                                 9.7
                                                      16.4
                                                            19.7
                                                                   21.1
                                                                         21.2
## 4418
          11.5
                 4.6
                      -3.8
                            -2.8
                                   -0.4
                                           2.4
                                                10.2
                                                      15.8
                                                            20.8
                                                                   20.3
                                                                         23.1
                                                                               16.8
## 4419
          11.9
                        3.4
                              1.2
                                    2.2
                                                11.2
                                                            20.8
                 8.3
                                           4.8
                                                      14.1
                                                                   24.1
                                                                         23.8
                                                                               19.0
## 4420
          10.9
                                                            19.5
                                                                   23.4
                 4.9
                      -1.4
                            -4.7
                                   -3.6
                                           4.3
                                                 9.2
                                                      13.9
                                                                         23.8
                                                                               18.6
## 4421
          10.7
                 8.2
                        0.5
                            -5.7
                                   -0.8
                                           5.0
                                                10.6
                                                      18.7
                                                            19.8
                                                                   22.4
                                                                         21.8
                                                                               19.0
                            -2.9
## 4422
          11.1
                 6.9
                        0.4
                                   -0.2
                                           1.6
                                                11.4
                                                      13.4
                                                            22.6
                                                                   24.2
                                                                         24.1
                                                                               20.3
## 4423
          13.2
                 7.0
                      -1.1
                              2.4
                                   -0.2
                                           5.0
                                                11.2
                                                      16.0
                                                            20.7
                                                                   24.3
                                                                         22.5
                                                                               16.7
                        3.8
                                                                         22.6
## 4424
          10.7
                 8.6
                              0.7
                                   -4.5
                                           3.8
                                                 8.6
                                                      16.8
                                                            21.3
                                                                   22.4
                                                                               19.4
## 4425
          15.9
                 4.9
                        0.5
                            -0.3
                                   -0.4
                                           4.2
                                                11.2
                                                      13.4
                                                            22.0
                                                                   23.6
                                                                         20.7
                                                                               18.7
## 4426
          10.2
                 5.1
                        0.3
                            -4.9
                                    0.0
                                           4.4
                                                10.6
                                                      15.7
                                                            19.6
                                                                   21.1
                                                                         22.7
                                                                               17.1
                 8.2
## 4427
          10.8
                      -0.1
                            -1.7
                                   -1.6
                                          7.5
                                                12.0
                                                      17.3
                                                            22.3
                                                                   24.7
                                                                         22.9
                                                                               19.2
## 4428
          11.7
                 5.7
                      -1.7
                            -4.6
                                    0.0
                                           4.2
                                                11.5
                                                      17.9
                                                            21.7
                                                                   25.5
                                                                         22.3
## 4429
          12.1
                 8.2
                        3.6
                              0.8
                                    2.6
                                           9.9
                                                10.7
                                                      19.0
                                                            20.8
                                                                   25.3
                                                                         23.0
                                                                               18.5
## 4430
          12.6
                 4.3
                        3.2
                              0.2
                                   -0.8
                                           3.3
                                                10.6
                                                      16.0
                                                            21.6
                                                                   25.0
                                                                         21.4
                                                                               17.4
                            -5.2
                                   -3.8
                                                            21.5
## 4431
          13.1
                 4.8 -0.1
                                           1.0
                                                 9.8
                                                      16.4
                                                                   23.2
                                                                         21.5
                                                                               18.8
## 4432
          13.2
                 4.0
                        2.8
                            -3.0
                                   -6.6
                                         11.1
                                                19.5
                                                      21.3
                                                            23.9
                                                                   22.9
                                                                         20.9
           9.3
## 4433
                 7.7
                      -1.2
                              1.2
                                    8.1
                                         10.9
                                                16.2
                                                      22.1
                                                            25.1
                                                                   24.8
                                                                         21.0
                                                                               13.3
           7.8
                        1.8
                              4.1
                                   13.9
                                         15.8
                                                21.9
                                                      24.1
                                                            21.8
## 4434
                 1.6
                                                                   19.7
                                                                         15.8
                                                                                6.1
## 4435
           0.0
                                   22.0
                                         25.0
                                                24.6
                                                      20.9
                                                            13.5
                 3.4
                        8.7
                            19.1
                                                                    5.4
                                                                          3.1
                                                                               -0.9
## 4436
           1.3
                      13.5
                                         25.5
                                                23.9
                                                      20.5
                 4.1
                            18.1
                                   21.4
                                                            14.5
                                                                    4.7
                                                                          2.2
                                                                                 2.1
           3.7
                                                            12.4
## 4437
                 8.3
                      10.3
                            15.5
                                   21.5
                                         25.5
                                                23.5
                                                      18.3
                                                                    8.1
                                                                          1.0
                                                                               -0.4
## 4438
          -1.7
                 5.8
                      10.8
                             15.7
                                   21.8
                                         23.4
                                                24.0
                                                      19.1
                                                            15.2
                                                                    4.6
                                                                          4.0
                                                                               -3.4
## 4439
           3.2
                 3.8 12.2
                            17.9
                                   26.3
                                         27.7
                                                25.7
                                                             13.1
                                                                   10.7
                                                                                1.5
                                                      20.7
                                                                          2.8
## 4440
          -3.8
                12.6 16.4 24.2
                                   24.9
                                         25.8
                                                22.4
                                                      15.7
                                                             8.3
                                                                    7.2
                                                                         -0.8
                                                                               -2.0
                 9.0 -13.3 -12.1
                                                      -7.1
                                                            18.2
## 4441
           3.4
                                   18.5
                                         11.1
                                                13.6
                                                                   15.6
                                                                         -4.4
                                                                               -6.2
## 4442
           2.7
                19.6 10.5
                            17.6
                                   18.2
                                         11.2
                                                -8.3
                                                      -9.5
                                                            27.5
                                                                   19.9
                                                                          7.6
                                                                                5.9
                16.0 20.9 24.0
                                                             5.9
## 4443
          12.2
                                  27.1
                                         26.3
                                                19.8
                                                       8.1
                                                                    8.4
                                                                         16.6
                                                                               21.7
## 4444
          23.8
                27.4 27.4 23.7
                                   18.4
                                         10.2
                                                 7.2
                                                       3.5
                                                             5.8
                                                                  10.7
                                                                         16.8
                                                                               20.5
                                               12.9
                                                      14.6 20.4 24.8
## 4445
          25.7 23.6 18.0 11.8
                                    3.5
                                           4.5
                                                                         26.4 26.9
```

```
4.2
                               8.7 13.9
## 4446
          23.7 16.5
                                           18.9
                                                  19.5
                                                        24.9
                                                              29.2
                                                                     28.8
                                                                           18.8
                                                                                  10.8
## 4447
           7.3
                  3.9
                         8.2
                              15.5
                                    20.1
                                           26.4
                                                  21.0
                                                         5.9
                                                                0.5
                                                                      3.8
                                                                             7.7
                                                                                  19.4
                       28.0
                              24.5
                                                                            14.9
## 4448
          26.6
                 28.2
                                    16.8
                                           10.0
                                                   7.3
                                                        -0.4
                                                                4.5
                                                                     10.4
                                                                                  21.7
## 4449
          25.8
                 28.8
                                                                      9.9
                                                                            15.6
                       26.5
                              21.5
                                     16.8
                                           11.9
                                                   6.2
                                                         4.1
                                                                8.2
                                                                                  20.7
## 4450
          24.9
                 25.0
                       25.6
                              22.7
                                      9.4
                                            3.9
                                                   6.4
                                                         9.7
                                                               15.4
                                                                     20.3
                                                                            25.0
                                                                                  28.2
  4451
          29.5
                 23.8
                       17.7
                               7.4
                                      5.8
                                            7.5
                                                   8.9
                                                         9.5
                                                              14.8
                                                                     20.6
                                                                            28.2
                                                                                  28.0
##
## 4452
          30.9
                 24.7
                       15.9
                               9.7
                                      4.2
                                            6.6
                                                   7.3
                                                        13.4
                                                              14.8
                                                                     22.0
                                                                            27.4
          25.2
                                      4.2
                                           11.9
                                                        19.2
                                                                     26.5
                                                                            31.7
## 4453
                 18.5
                       10.2
                               5.0
                                                  9.6
                                                              17.8
                                                                                  30.7
## 4454
          27.1
                 18.9
                       11.9
                               6.5
                                      4.8
                                            5.4
                                                  10.8
                                                        18.6
                                                              22.6
                                                                     24.2
                                                                            28.9
                                                                                  27.7
## 4455
                         8.5
                               4.2
                                      3.4
                                            5.6
                                                              23.7
                                                                            29.4
                                                                                  30.2
          24.6
                 17.0
                                                  11.3
                                                        15.9
                                                                     27.8
## 4456
          25.9
                 19.0
                         7.9
                               6.3
                                      1.9
                                            8.5
                                                   9.2
                                                        14.2
                                                              19.4
                                                                     24.9
                                                                            29.9
## 4457
          22.3
                 15.2
                         8.4
                               7.2
                                      5.1
                                            3.6
                                                   5.9
                                                        14.4
                                                              21.6
                                                                     26.6
                                                                            28.1
                                                                                  28.2
##
  4458
          24.1
                 17.4
                        11.2
                               3.4
                                      1.7
                                            5.7
                                                  16.3
                                                        22.5
                                                              25.5
                                                                     26.1
                                                                            27.9
                                                                                  23.9
## 4459
          15.5
                  6.8
                         7.7
                               3.3
                                      2.9
                                            5.9
                                                  18.0
                                                        20.1
                                                               26.7
                                                                     27.0
                                                                            27.4
                                                                                  25.0
## 4460
          18.5
                 11.6
                         3.3
                               2.1
                                      6.4
                                           12.0
                                                  15.7
                                                        20.6
                                                              23.4
                                                                     27.3
                                                                            26.2
                                                                                  21.7
## 4461
           17.6
                  8.5
                         3.4
                               0.7
                                     7.9
                                            9.6
                                                  14.7
                                                        23.1
                                                               24.1
                                                                     27.5
                                                                            28.0
                                                                                  22.2
          18.1
                 10.0
                         6.0
                              -0.9
                                      5.4
                                           13.4
                                                  19.0
                                                        21.8
                                                              26.2
                                                                     29.5
                                                                            29.4
                                                                                  24.6
## 4462
## 4463
          21.5
                 11.9
                         1.4
                               4.3
                                      4.3
                                            9.3
                                                  18.0
                                                        21.7
                                                               25.6
                                                                     30.2
                                                                            27.9
                                                                                  22.3
          15.7
## 4464
                 10.4
                         3.7
                               4.9
                                      4.7
                                            5.1
                                                  18.2
                                                        21.3
                                                              25.0
                                                                     29.2
                                                                            27.1
                                                                                  23.3
## 4465
          16.7
                 13.3
                         8.6
                               1.3
                                     3.8
                                           12.6
                                                  15.1
                                                        20.3
                                                               25.5
                                                                     30.1
                                                                            26.2
                                                                                  21.8
## 4466
          16.2
                 13.2
                         3.6
                               5.6
                                      5.6
                                           14.5
                                                  19.3
                                                        19.7
                                                              26.8
                                                                     27.3
                                                                            27.3
                                                                                  22.2
## 4467
          17.2
                  9.8
                         4.6
                               3.7
                                      3.6
                                           10.6
                                                  15.8
                                                        19.7
                                                               25.2
                                                                     26.6
                                                                            27.6
## 4468
          17.7
                  9.0
                         4.5
                               4.6
                                      6.5
                                            6.6
                                                  16.8
                                                        20.6
                                                              25.0
                                                                     30.5
                                                                            27.6
                                                                                  23.3
## 4469
          14.9
                  9.6
                         6.2
                               1.4
                                     7.2
                                            8.1
                                                  21.6
                                                        25.8
                                                              29.2
                                                                     29.9
                                                                            24.6
                                                                                  15.9
           9.6
                  2.5
                              11.9
                                    20.5
                                           25.2
                                                              22.8
## 4470
                         5.7
                                                  27.7
                                                        27.7
                                                                     18.8
                                                                            12.2
                                                                                   5.1
                                    27.1
## 4471
           7.8
                 13.3
                       18.1
                              24.3
                                           31.6
                                                  27.7
                                                        19.6
                                                              18.0
                                                                     10.6
                                                                             5.3
                                                                                   5.5
## 4472
           9.9
                 15.3
                       20.0
                              24.7
                                    26.0
                                           27.5
                                                  21.1
                                                        18.0
                                                               11.1
                                                                      6.1
                                                                             4.6
                                                                                  11.6
                 18.7
                       24.9
                              22.6
                                    13.6
                                            6.8
                                                        -0.7
                                                                8.3
                                                                     12.7
## 4473
          12.0
                                                   4.1
                                                                            27.4
                                                                                  29.4
                              10.9
                                                              21.0
                                                                     26.2
## 4474
          28.0
                 26.1
                       18.1
                                     5.9
                                           -1.7
                                                  -0.3
                                                        10.0
                                                                            30.9
                                                                                  27.0
## 4475
          24.9
                 17.9
                       10.7
                               3.4
                                    -2.5
                                            1.3
                                                  11.4
                                                        19.0
                                                              27.3
                                                                     26.4
                                                                            23.1
                                                                                  18.9
## 4476
           8.3
                  6.5
                         4.1
                               4.7
                                      9.6
                                           20.0
                                                  31.6
                                                        30.4
                                                               26.0
                                                                     17.2
                                                                            10.8
                                                                                   7.3
## 4477
           7.1
                  7.7
                       12.2
                              19.9
                                    30.8
                                           26.5
                                                  24.7
                                                        17.7
                                                               12.3
                                                                      6.4
                                                                             2.8
                                                                                   4.4
                              28.9
                                                                5.9
                                                                                   9.5
## 4478
          12.0
                 20.7
                       24.4
                                    30.4
                                           24.8
                                                  18.1
                                                        10.2
                                                                      4.3
                                                                             5.5
                                                                            20.4
## 4479
          20.0
                 23.1
                       28.2
                              29.5
                                    24.8
                                                         1.8
                                                                7.1
                                                                      8.8
                                                                                  25.8
                                           18.1
                                                  -1.8
## 4480
          28.1
                 27.8
                       22.3
                              16.8
                                    10.6
                                            6.9
                                                   1.5
                                                         4.8
                                                               12.7
                                                                     22.0
                                                                            25.2
                                                                                  27.9
## 4481
          29.1
                23.9
                       17.7
                               9.6
                                     2.5
                                            5.8
                                                  7.5
                                                        12.4
                                                              21.0
                                                                     25.7
                                                                            29.6
                                                                                  26.4
## 4482
          23.2
                 15.8
                         7.8
                               5.4
                                      2.8
                                            8.0
                                                   9.8
                                                        22.3
                                                              25.1
                                                                     26.8
                                                                            27.6
## 4483
          15.9
                  9.9
                         4.4
                               1.7
                                     5.5
                                           10.4
                                                  20.9
                                                        26.0
                                                              28.7
                                                                     29.0
                                                                            22.7
                                                                                  15.6
## 4484
          10.5
                  5.7
                         7.6
                               2.8
                                    12.3
                                           21.6
                                                  23.6
                                                        27.2
                                                              26.3
                                                                     21.2
                                                                            18.8
                                                                                  11.9
                                                              24.6
## 4485
           0.7
                  7.9
                         8.4
                              11.9
                                    20.8
                                           28.1
                                                  26.8
                                                        27.3
                                                                     16.2
                                                                            12.1
                                                                                   2.5
## 4486
           2.2
                  9.8
                       12.7
                              22.2
                                    25.4
                                           28.2
                                                  26.4
                                                        21.0
                                                              17.1
                                                                      6.8
                                                                             5.7
                                                                                  10.1
## 4487
          12.8
                 23.8
                       27.3
                              24.3
                                     8.8
                                            5.4
                                                  29.8
                                                        28.5
                                                              22.2
                                                                     14.7
                                                                             8.0
                                                                                   6.7
                  4.2
                       12.4
                              19.7
                                    27.2
                                           27.1
                                                  27.8
                                                        22.5
                                                               17.0
## 4488
           3.6
                                                                     10.9
                                                                             8.3
                                                                                  28.8
## 4489
          28.3
                 17.5
                         2.8
                               7.8
                                     9.0
                                           24.8
                                                  26.7
                                                        21.4
                                                              28.6
                                                                      2.8
                                                                            10.7
                                                                                  26.1
## 4490
          25.9
                 24.4
                       19.7
                              13.7
                                           11.0
                                      4.8
                                                   3.8
                                                         5.6
                                                              11.0
                                                                     15.1
                                                                            21.3
                                                                                  22.2
          22.9
                       15.4
                               5.2
                                           -3.0
                                                  25.1
                                                        20.9
## 4491
                 18.8
                                      6.3
                                                               15.6
                                                                     11.5
                                                                             6.5
                                                                                   4.9
## 4492
           9.0
                 11.1
                       18.9
                              21.1
                                    26.3
                                           26.4
                                                  29.0
                                                        22.5
                                                               15.7
                                                                      8.2
                                                                             2.3
                                                                                   2.9
## 4493
                       14.9
                              20.9
                                    26.1
                                           26.9
                                                  26.7
                                                               16.5
                                                                             2.7
                                                                                   5.5
           6.9
                 10.7
                                                        21.1
                                                                      9.3
## 4494
           9.0
                 12.4
                       15.0
                              23.1
                                    26.1
                                           26.5
                                                  27.1
                                                        23.5
                                                               15.4
                                                                     11.2
                                                                             4.8
                                                                                   3.5
                              20.7
                                    26.3
                                           27.7
## 4495
           7.1
                 12.6
                       19.5
                                                  27.1
                                                        22.8
                                                               17.3
                                                                      8.3
                                                                             6.9
                                                                                   3.6
## 4496
           5.8
                 10.3
                       15.4
                              21.9
                                    27.2
                                           28.3
                                                  25.7
                                                        19.3
                                                                7.7
                                                                      4.6
                                                                             1.7
                                                                                   5.4
                       22.2
                                    27.4
## 4497
           8.6
                19.1
                              27.1
                                           22.9
                                                  15.7
                                                         7.9
                                                                7.7
                                                                     12.4
                                                                            22.3
                                                                                  22.2
## 4498
          12.3
                  4.6
                        8.5
                              10.1
                                    17.5
                                           21.8
                                                  26.5
                                                        25.2
                                                              21.2
                                                                     18.6
                                                                             9.7
                                                                                   6.5
                             15.6 21.4 26.4 29.1
## 4499
           4.0
                  6.9 10.4
                                                        27.6
                                                              23.7
                                                                    18.2
                                                                             8.3
                                                                                   6.2
```

```
21.2
## 4500
            7.7
                  9.8
                       15.7
                                     27.7
                                           26.3
                                                  28.4
                                                         22.5
                                                               15.8
                                                                       7.2
                                                                              4.4
## 4501
            6.2
                 13.9
                        20.4
                              29.0
                                     28.5
                                           26.8
                                                  23.3
                                                         16.5
                                                                 9.9
                                                                       2.8
                                                                             10.7
                                                                                    11.5
           19.0
                              28.9
## 4502
                 20.7
                        26.8
                                     26.7
                                            24.8
                                                  10.8
                                                          5.5
                                                                 3.9
                                                                       5.6
                                                                             11.9
                                                                                    17.2
##
  4503
          21.1
                 25.3
                        25.3
                              26.7
                                     23.6
                                            16.7
                                                   9.7
                                                          6.7
                                                                 6.0
                                                                       3.9
                                                                             12.4
                                                                                    15.5
##
   4504
           23.1
                 27.8
                        26.4
                              24.3
                                     18.3
                                             7.6
                                                   6.0
                                                          5.7
                                                                11.3
                                                                      11.4
                                                                             14.7
                                                                                    19.8
   4505
          26.4
                 28.6
                        26.9
                              22.1
                                     14.9
                                             7.2
                                                   6.8
                                                          4.2
                                                                 7.6
                                                                       7.3
                                                                             21.7
                                                                                    27.6
##
   4506
                        22.0
                                             4.8
                                                   4.4
                                                          6.6
                                                               11.2
                                                                      15.7
                                                                             21.6
           28.6
                 27.3
                              15.1
                                      9.8
                                                                      21.5
                 27.0
                                             3.2
                                                   4.8
## 4507
           26.0
                       15.7
                               7.7
                                      5.9
                                                         10.3
                                                               17.8
                                                                             26.7
                                                                                    25.6
##
   4508
           26.1
                 23.1
                        16.4
                              10.2
                                      0.5
                                             2.3
                                                   7.1
                                                         11.0
                                                                16.1
                                                                      21.8
                                                                             26.2
                                                                                    26.0
                         5.4
                                4.6
                                             9.9
                                                               23.4
                                                                                    27.6
##
   4509
          21.7
                 16.6
                                      1.0
                                                   8.9
                                                         16.4
                                                                      25.3
                                                                             25.9
  4510
           22.4
                 17.2
                        10.3
                                5.4
                                      0.7
                                             7.8
                                                  11.6
                                                         17.9
                                                                21.6
                                                                      25.4
                                                                             28.2
                                                                                    25.9
                         9.9
## 4511
           22.8
                 18.4
                                1.9
                                      2.3
                                             2.3
                                                   9.8
                                                         16.0
                                                               21.7
                                                                      26.1
                                                                             28.7
                                                                                    27.1
##
   4512
           22.2
                 16.7
                         9.5
                                4.5
                                      6.7
                                             4.5
                                                   7.5
                                                         17.0
                                                                20.9
                                                                      25.5
                                                                             28.3
                                                                                    25.2
                 16.3
                        12.3
                                5.9
                                      0.3
                                             4.4
                                                  11.6
                                                         15.8
                                                                20.9
## 4513
           21.8
                                                                      24.6
                                                                             28.9
                                                                                    21.5
  4514
           14.7
                 10.7
                         3.9
                                4.6
                                     23.8
                                            20.8
                                                  15.0
                                                         11.6
                                                                 6.9
                                                                       3.5
                                                                              5.7
                                                                                    12.1
##
##
  4515
           20.1
                 24.7
                        27.0
                              26.8
                                     23.0
                                            15.0
                                                   8.0
                                                          2.7
                                                                 3.4
                                                                       7.2
                                                                             11.4
                                                                                    19.1
           24.7
                 27.4
                        27.6
                              24.0
                                     16.7
                                            10.6
                                                   1.2
                                                          3.2
                                                                 7.8
                                                                      10.9
                                                                             22.4
                                                                                    24.0
##
  4516
##
  4517
           26.1
                 24.1
                        20.4
                              13.7
                                      8.6
                                             4.9
                                                   2.2
                                                          5.7
                                                                12.3
                                                                      21.2
                                                                             24.5
                                                                                    26.4
                                             6.1
## 4518
          26.6
                 21.0
                        15.9
                              11.4
                                      3.8
                                                   8.2
                                                         13.4
                                                               21.0
                                                                      24.0
                                                                             26.2
                                                                                    25.5
## 4519
           21.6
                 14.5
                         7.2
                                3.7
                                      3.7
                                             6.6
                                                   9.2
                                                         19.6
                                                                24.1
                                                                      26.7
                                                                             25.4
                                                                                    21.1
## 4520
           17.2
                  8.9
                         3.6
                                2.5
                                      6.2
                                            10.7
                                                  20.2
                                                         25.4
                                                               25.5
                                                                      25.3
                                                                             21.8
                                                                                   17.3
  4521
           11.7
                  4.0
                         5.6
                                6.1
                                     13.4
                                            23.8
                                                   5.4
                                                          8.0
                                                               11.5
                                                                      21.8
                                                                             30.0
          25.0
## 4522
                 23.1
                        16.9
                              10.7
                                      4.7
                                             3.8
                                                   9.4
                                                         13.0
                                                               23.6
                                                                      25.5
                                                                             25.3
                                                                                    19.3
## 4523
           16.2
                  7.4
                         4.7
                                3.0
                                      8.2
                                           12.4
                                                  19.0
                                                         23.8
                                                                26.8
                                                                      25.6
                                                                             23.3
                                                                                    17.6
            7.3
                  4.3
                         5.0
                                     12.1
                                            21.3
                                                  26.6
                                                               26.0
                                                                      22.3
## 4524
                                7.1
                                                         27.8
                                                                             15.0
                                                                                     6.9
                              12.3
                                     28.3
  4525
            5.0
                  4.6
                         7.1
                                            27.7
                                                  21.6
                                                         17.2
                                                                11.4
                                                                       6.2
                                                                              5.5
                                                                                    9.5
##
  4526
           10.6
                  9.4
                         3.4
                               4.7
                                     12.1
                                           19.9
                                                  25.8
                                                         23.0
                                                                7.3
                                                                       9.7
                                                                             13.8
                                                                                    22.7
   4527
                 17.3
                        11.1
                                5.7
                                      7.6
                                            10.1
                                                         24.4
                                                                26.5
                                                                      22.2
##
           27.0
                                                  11.8
                                                                             16.3
                                                                                    12.2
            4.6
                        10.9
                              12.2
                                     28.4
                                                                 3.6
##
   4528
                  6.7
                                            27.5
                                                  16.2
                                                          6.5
                                                                       2.8
                                                                              8.5
                                                                                    10.6
                              29.2
   4529
           17.4
                 21.9
                        27.1
                                     26.7
                                            23.6
                                                  17.7
                                                         11.0
                                                                 5.2
                                                                       6.4
                                                                              6.8
                                                                                    7.0
## 4530
           18.8
                 22.3
                        24.4
                              23.3
                                     23.2
                                            15.1
                                                   9.1
                                                          5.0
                                                                 6.8
                                                                       8.3
                                                                             12.9
                                                                                    17.6
##
   4531
           22.6
                 22.3
                        23.8
                              25.5
                                     23.2
                                            18.4
                                                  10.3
                                                          4.3
                                                                 6.6
                                                                       5.9
                                                                             13.9
                                                                                    15.6
                 25.6
                        26.3
                              24.9
##
   4532
           22.3
                                     21.9
                                            16.3
                                                   8.4
                                                          7.4
                                                                10.5
                                                                      14.9
                                                                             20.7
                                                                                    26.8
           28.0
   4533
                 15.9
                        10.6
                               5.4
                                      7.4
                                             8.2
                                                  27.8
                                                                15.0
                                                                       3.9
                                                                              6.8
                                                                                    19.0
##
                                                         19.4
##
   4534
           25.4
                 26.9
                        18.2
                               5.5
                                      9.9
                                            21.7
                                                  28.1
                                                         24.9
                                                                20.3
                                                                      15.6
                                                                              9.4
                                                                                    5.2
   4535
            5.4
                  9.3
                        16.8
                              26.6
                                    21.3
                                             9.8
                                                   1.9
                                                          3.8
                                                                5.8
                                                                      10.6
                                                                             16.3
                                                                                   20.7
##
##
   4536
           27.1
                 26.0
                        26.7
                              24.0
                                     17.6
                                             9.4
                                                   6.9
                                                          4.3
                                                                 5.0
                                                                      14.4
                                                                             19.3
                                                                                    21.1
##
   4537
           28.2
                 29.3
                        30.1
                              23.0
                                     17.6
                                           10.5
                                                   1.3
                                                          7.3
                                                                 7.3
                                                                      13.3
                                                                             19.3
                                                                                    22.3
   4538
           28.4
                 28.0
                        28.2
                              23.0
                                     18.1
                                            12.1
                                                   5.9
                                                          4.8
                                                                 7.5
                                                                      12.0
                                                                             16.0
                                                                                    20.4
##
  4539
           28.2
                 26.4
                        27.7
                              23.8
                                     15.8
                                             9.1
                                                   4.4
                                                          4.2
                                                                 8.2
                                                                      11.4
                                                                             16.3
                                                                                   21.0
##
   4540
                 27.1
                        26.3
                              22.3
                                     17.5
                                             7.8
                                                                      11.2
           27.1
                                                   5.9
                                                          2.6
                                                                 7.0
                                                                             16.1
                                                                                   19.3
                              25.1
## 4541
           25.7
                 27.6
                        27.5
                                     17.2
                                             9.1
                                                   4.9
                                                          3.6
                                                                 8.7
                                                                      13.1
                                                                             16.3
                                                                                    20.1
                 30.6
                        25.2
                              21.7
                                     18.5
                                                                      15.5
##
   4542
           26.9
                                           11.6
                                                   4.7
                                                          6.2
                                                                10.8
                                                                             17.7
                                                                                    21.3
                 28.3
                        25.5
                              23.4
                                                   5.5
                                                                      13.8
##
   4543
           27.7
                                     16.2
                                           12.4
                                                          3.9
                                                                 8.3
                                                                             17.4
                                                                                    25.2
## 4544
                        27.4
                              22.3
                                             8.3
                                                                      10.9
           28.8
                 28.4
                                     16.0
                                                   4.8
                                                          6.0
                                                                 8.9
                                                                             18.0
                                                                                    21.5
                 29.5
                        30.3
                                                   7.6
                                                          7.4
                                                                 7.6
## 4545
           26.3
                              26.1
                                     16.1
                                             9.6
                                                                      13.6
                                                                             17.4
                                                                                    24.0
##
   4546
           27.9
                 31.0
                        29.5
                              22.4
                                     17.0
                                           13.1
                                                   6.3
                                                          5.4
                                                                 6.6
                                                                      12.8
                                                                             16.4
                                                                                    22.8
                 26.2
                        26.7
                              25.2
                                     18.8
                                            12.0
                                                  10.2
                                                                 7.9
                                                                             21.1
##
   4547
           27.6
                                                          4.6
                                                                      14.3
                                                                                    17.4
           26.0
##
   4548
                 16.6
                        17.7
                              18.4
                                      2.9
                                            15.6
                                                   5.6
                                                         16.8
                                                                 2.8
                                                                      13.6
                                                                             17.5
                                                                                    23.5
                        20.9
##
   4549
           25.1
                 25.0
                              17.3
                                      7.7
                                             8.2
                                                   1.6
                                                         11.4
                                                                -8.5
                                                                      -4.9
                                                                             -0.5
                                                                                    11.0
   4550
            9.4
                 15.4
                        22.9
                              24.6
                                     17.2
                                            -1.5
                                                  -3.5
                                                         -9.3
                                                                11.0
                                                                      15.7
                                                                             23.7
                                                                                    23.4
##
                 20.3
## 4551
           23.6
                       14.0
                                4.5
                                      1.9
                                            -8.3
                                                   5.1
                                                         -0.5
                                                                -2.6
                                                                      -6.9
                                                                             -0.7
                                                                                    7.5
                 18.5
## 4552
           11.3
                        23.6
                                1.2
                                     -1.8
                                            -8.2
                                                  -3.9
                                                          1.8
                                                               11.1
                                                                      11.9
                                                                             19.0
                                                                                    22.5
                                                   2.1
## 4553
           19.2 10.2
                         6.1 - 1.7
                                     -2.7
                                            -3.0
                                                          7.8
                                                               15.3
                                                                      22.2
                                                                             24.7
                                                                                    22.7
```

```
## 4554
          14.8 13.0
                        3.6 -1.0 -2.1
                                           -3.7
                                                 -0.3
                                                         4.8 14.5
                                                                     19.9
                                                                           21.6
                                                                                  20.0
                                    -4.7
                                                                                  21.1
          16.8
                13.6
                         1.2
                             -8.0
                                           -2.6
                                                         8.3
                                                              16.7
                                                                     19.4
                                                                           22.6
## 4555
                                                  1.8
                                    -2.6
## 4556
          17.2
                 12.7
                         0.5
                             -3.3
                                            0.2
                                                  1.8
                                                        10.7
                                                              14.8
                                                                     23.5
                                                                           25.2
                                                                                  22.6
                  9.3
                                           -0.2
  4557
          18.6
                         6.0
                               0.2
                                    -1.6
                                                  4.0
                                                         8.2
                                                              16.1
                                                                     23.1
                                                                           24.7
                                                                                  24.3
##
##
   4558
          19.8
                 15.4
                         6.9
                              -0.1
                                    -2.4
                                            3.1
                                                  1.7
                                                        11.4
                                                              13.9
                                                                     24.3
                                                                           24.7
                                                                                  22.9
   4559
          20.8
                12.9
                         5.8
                             -0.8
                                    -4.1
                                           -1.8
                                                  2.9
                                                        13.9
                                                              17.7
                                                                     20.6
                                                                           27.4
                                                                                  25.9
##
  4560
                 13.1
                             -3.4
                                    -1.9
                                           -1.4
                                                              15.8
                                                                     23.3
                                                                           22.7
          19.9
                         2.2
                                                  2.4
                                                         8.4
                16.0
                                    -7.3
                                            0.8
                                                              14.9
                                                                     21.3
                                                                                  23.0
## 4561
          18.3
                         4.8
                               0.4
                                                  3.1
                                                         9.7
                                                                           24.7
##
  4562
          17.9
                 11.1
                         4.6
                               1.4
                                    -3.2
                                           -6.7
                                                  2.3
                                                        10.8
                                                              16.2
                                                                     18.2
                                                                           23.1
                                                                                  23.2
                             -5.3
                                    -7.5
                                           -3.3
                                                                     22.7
                                                                                  25.9
##
  4563
          19.0
                 14.2
                         6.0
                                                  2.9
                                                         9.6
                                                              18.8
                                                                           23.8
##
  4564
          20.6
                 11.1
                         0.8
                               2.2
                                    -2.2
                                           -3.4
                                                 -3.1
                                                        11.9
                                                              14.8
                                                                     20.1
                                                                           23.2
                                                                                  24.3
   4565
                 13.1
                         6.0
                              -3.7
                                    -4.8
                                            1.3
                                                  4.9
                                                         6.8
                                                              14.0
                                                                     20.9
                                                                           23.3
                                                                                  23.6
##
          21.4
                                    -7.7
##
   4566
          20.7
                 13.4
                         4.9
                              -3.3
                                           -3.4
                                                  1.4
                                                         9.9
                                                              19.5
                                                                     21.6
                                                                           22.3
                                                                                  23.7
   4567
          17.9
                 14.1
                             -3.9 -10.4
                                           -7.1
                                                  5.3
                                                        11.3
                                                              14.8
                                                                           23.9
                                                                                  22.6
##
                         5.8
                                                                     23.0
   4568
          19.8
                17.9
                         7.4
                              -7.8
                                    -1.4
                                           -1.8
                                                  2.2
                                                        10.6
                                                              18.9
                                                                     22.8
                                                                           24.3
                                                                                  22.1
##
##
   4569
           18.8
                10.6
                         6.5
                             -2.6
                                    -4.2
                                           -2.6
                                                 -1.0
                                                         8.7
                                                              17.7
                                                                     20.5
                                                                           22.6
                                                                                  21.3
  4570
          18.3
                12.2
                         5.6
                               2.4
                                    -7.6
                                           -2.3
                                                  6.4
                                                              13.1
                                                                     21.9
                                                                           25.7
                                                                                  22.1
##
                                                         8.7
##
  4571
          18.3
                11.8
                         6.1
                               1.8
                                    -1.8
                                           -5.6
                                                  3.7
                                                        10.2
                                                              12.7
                                                                     21.9
                                                                           21.4
                                                                                  20.7
## 4572
          18.2 11.9
                             -0.2
                                    -4.0
                                           -3.8
                                                        11.6
                                                              14.6
                                                                     22.4
                                                                           23.4
                                                                                  23.7
                         3.3
                                                  2.1
## 4573
          19.3
                13.2
                         5.4
                              -5.4
                                    -5.7
                                           -0.9
                                                  1.3
                                                        10.7
                                                              16.2
                                                                     18.7
                                                                           23.8
                                                                                  24.1
          19.1
                                                              17.4
                                                                     21.8
##
  4574
                11.8
                         3.8
                             -1.8
                                    -8.2
                                           -3.0
                                                  1.8
                                                        11.2
                                                                           24.4
                                                                                  24.0
  4575
          19.0
                13.2
                         4.8
                             -0.3
                                    -7.1
                                           -2.3
                                                  2.1
                                                         9.3
                                                              14.2
                                                                     24.3
                                                                           22.6
                                                                                  22.4
                                           -3.6
## 4576
          21.3
                16.8
                        5.6
                               2.6
                                    -5.3
                                                         8.3
                                                              16.5
                                                                     18.9
                                                                           23.6
                                                                                  23.0
                                                  1.6
          18.2
                10.1
                              -3.8
                                    -1.8
                                           -1.0
                                                  7.3
                                                         9.2
                                                              13.2
                                                                     22.7
                                                                           24.6
                                                                                  24.8
## 4577
                         3.1
          19.4
                             -2.5
                                    -3.8
                                           -2.8
                                                              13.8
                                                                           24.1
                                                                                  22.2
## 4578
                14.7
                         5.5
                                                  3.8
                                                        11.1
                                                                     19.2
  4579
          16.4
                11.9
                         4.9
                              -0.4
                                    -2.3
                                           -2.8
                                                  1.2
                                                         6.4
                                                              17.2
                                                                     22.3
                                                                           24.5
                                                                                  24.7
##
  4580
          16.3
                13.7
                         8.4
                             -0.3
                                    -6.7
                                            2.1
                                                  6.2
                                                        11.6
                                                              13.6
                                                                     22.1
                                                                           23.8
                                                                                  21.9
   4581
                  9.2
                             -6.6 -12.2
                                           -2.8
                                                              20.7
                                                                     20.9
                                                                           25.8
##
          18.1
                         0.4
                                                  7.1
                                                        12.6
                                                                                  22.2
                                           -8.4
                                                              14.9
   4582
          18.8
                11.0
                         4.8
                             -4.1
                                    -8.9
                                                  0.2
                                                         8.8
                                                                     20.6
                                                                           22.3
                                                                                  23.0
##
                                           -8.4
##
  4583
          21.2
                10.9
                         5.8
                              -3.3 -10.8
                                                  2.3
                                                         7.0
                                                              15.4
                                                                     20.8
                                                                           22.7
                                                                                  22.0
                                           -5.8
## 4584
          18.9
                 12.2
                         4.7
                               1.1
                                    -4.8
                                                  0.3
                                                         8.1
                                                              15.4
                                                                     18.6
                                                                           24.1
                                                                                  24.3
##
  4585
          18.9
                  9.1
                         4.4
                              -2.2
                                    -5.2
                                           -2.2
                                                  3.1
                                                        11.0
                                                              12.9
                                                                     21.0
                                                                           22.5
                                                                                  21.7
          16.5
                             -3.9 -11.1
##
   4586
                  9.5
                         4.9
                                           -6.1
                                                  1.4
                                                         6.9
                                                              18.0
                                                                     16.9
                                                                           25.4
                                                                                  20.3
  4587
          16.7
                11.4
                         4.2
                               2.2
                                    -2.9
                                           -0.8
                                                  2.9
                                                         5.7
                                                              11.6
                                                                     20.9
                                                                           24.8
                                                                                  25.2
##
##
   4588
          18.0
                11.6
                         4.5
                              -9.9
                                    -8.4
                                            1.0
                                                 -1.4
                                                         7.6
                                                              13.1
                                                                     21.2
                                                                           21.3
                                                                                  22.7
  4589
          16.1
                12.5
                         3.3
                             -0.3 - 10.3
                                           -6.4
                                                  4.1
                                                        11.7
                                                              15.7
                                                                     17.8
                                                                           21.8
                                                                                  20.7
##
##
  4590
          18.6
                11.4
                         3.2
                              -8.3
                                    -5.1
                                           -4.4
                                                  4.7
                                                        10.9
                                                              15.2
                                                                     18.9
                                                                           23.8
                                                                                  20.0
##
  4591
          19.4
                12.2
                         2.2
                              -0.6
                                    -3.3
                                            1.1
                                                  5.0
                                                        10.0
                                                              17.4
                                                                     22.4
                                                                           24.8
                                                                                  22.1
  4592
          18.3
                  8.3
                         6.7
                               0.0
                                    -6.8
                                           -5.1
                                                  3.4
                                                         9.0
                                                              16.1
                                                                     22.1
                                                                           24.9
                                                                                  24.9
##
## 4593
          18.8
                  7.8
                         5.4
                             -2.4
                                     0.2
                                           -6.9
                                                  2.6
                                                         8.2
                                                              14.3
                                                                     19.7
                                                                           23.3
                                                                                  21.9
  4594
          16.7
                12.2
                         3.2
                             -8.1
                                           -0.4
                                                                     20.9
                                                                           22.1
                                     1.1
                                                  5.2
                                                         9.9
                                                              13.4
                                                                     21.2
## 4595
          18.8
                10.9
                         7.1
                             -1.9
                                    -6.2
                                           -0.6
                                                  4.7
                                                        11.1
                                                              18.6
                                                                           24.2
                                                                                  23.1
   4596
                                    -2.2
                                                              13.8
                                                                     18.3
##
          17.6
                11.8
                         1.8
                              -0.9
                                            0.7
                                                  3.1
                                                         7.8
                                                                           20.7
                                                                                  19.4
                10.2
                             -1.9
                                    -3.2
                                           -4.2
                                                              15.4
                                                                                  22.9
##
   4597
          17.1
                         3.5
                                                  1.2
                                                         7.2
                                                                     19.1
                                                                           23.5
  4598
                                    -8.9
                                           -5.5
                                                  3.5
                                                              14.6
          15.1
                  9.7
                         3.7
                             -1.2
                                                        10.6
                                                                     21.2
                                                                           23.0
                                                                                  20.4
          19.3 12.6
                                           -3.3
                                                         7.8
                                                                     22.4
## 4599
                         6.9
                               1.5
                                    -4.4
                                                  4.6
                                                              14.8
                                                                           25.3
                                                                                  26.1
##
  4600
          17.0
                12.1
                         0.4
                              -3.2
                                    -4.8
                                           -3.3
                                                 -0.6
                                                         7.3
                                                              12.8
                                                                     20.0
                                                                           21.1
                                                                                  22.3
   4601
          17.5
                11.2
                         0.8
                             -2.4
                                    -6.9
                                           -1.6
                                                  3.2
                                                                     20.2
                                                                           22.8
                                                                                  20.8
##
                                                         7.4
                                                              12.1
##
  4602
          17.9
                11.7
                         2.4
                             -0.3
                                    -1.4
                                            3.7
                                                  3.9
                                                         9.9
                                                              18.2
                                                                     20.7
                                                                           23.6
                                                                                  23.0
##
   4603
          19.8
                13.0
                         7.1
                               1.5
                                    -5.2
                                            1.1
                                                  2.0
                                                         9.8
                                                              16.5
                                                                     21.4
                                                                           25.8
                                                                                  21.3
   4604
          17.5
                11.6
                        7.3
                              -1.2
                                    -3.7
                                            1.2
                                                         8.4
                                                              16.7
                                                                     19.6
                                                                           21.7
                                                                                  22.4
##
                                                  6.7
## 4605
          18.1
                13.3
                         2.7
                              -8.8
                                    -4.1
                                           -3.2
                                                  1.2
                                                        11.4
                                                              15.7
                                                                     19.6
                                                                           23.7
                                                                                  22.8
## 4606
          16.6
                11.2
                         9.0
                               0.7
                                    -0.1
                                            0.1
                                                  1.5
                                                         9.9
                                                              12.9
                                                                     21.6
                                                                           25.0
                                                                                  22.8
## 4607
          19.7
                  9.9
                         3.2
                             -1.1
                                    -5.9
                                           -4.7
                                                  2.7
                                                         8.9
                                                              13.4
                                                                    18.6
                                                                           22.4
                                                                                  23.1
```

```
-2.5
## 4608
          17.4 11.0
                        5.5 -0.2
                                   -6.4
                                                 5.1 10.2 15.7
                                                                  19.5
                                                                          21.8
                                                                                19.7
## 4609
          19.3
               12.2
                        6.5
                             -1.7
                                   -3.3
                                           0.7
                                                  1.7
                                                       10.9
                                                             13.9
                                                                    24.4
                                                                          24.2
                                                                                 24.6
                                                                          25.6
## 4610
          21.7
                13.5
                        5.6
                             -4.8
                                     2.4
                                          -1.6
                                                  4.1
                                                       11.8
                                                             15.9
                                                                    21.0
                                                                                23.9
                10.6
                                          -7.3
                                                                    22.5
## 4611
          17.8
                        7.5
                              1.0
                                   -0.6
                                                 5.9
                                                        8.7
                                                             18.2
                                                                          23.5
                                                                                 23.8
## 4612
          20.9
                15.7
                        4.1
                             -2.2
                                    -3.8
                                          -4.3
                                                 1.6
                                                       10.3
                                                             14.2
                                                                    22.1
                                                                          24.0
## 4613
          19.7
                12.2
                        4.6
                             -4.8
                                   -7.8
                                          -1.2
                                                  4.2
                                                        9.2
                                                             16.2
                                                                    20.5
                                                                          21.6
                                                                                21.8
## 4614
          19.0
                  9.8
                             -2.9
                                   -5.2
                                          -2.4
                                                 5.4
                                                       13.1
                        7.4
                                                             17.0
                                                                    22.1
                                                                          25.8
          19.0
                13.7
                             -5.2
                                   -5.3
                                          -2.1
                                                 2.4
                                                                                 23.6
## 4615
                        6.2
                                                        9.4
                                                             15.3
                                                                    21.7
                                                                          26.7
                                    -0.6
## 4616
          17.5
                13.1
                        7.4
                              1.8
                                           0.8
                                                11.9
                                                       10.5
                                                             18.9
                                                                    23.7
                                                                          27.9
                                                                                 24.1
                                   -2.1
                                          -2.4
                                                                          23.8
                                                                                 23.5
## 4617
          18.9
                11.8
                        5.7
                              2.3
                                                 0.4
                                                        8.7
                                                             17.0
                                                                    20.8
          20.3
## 4618
                12.7
                        3.8
                             -4.7
                                    -9.0
                                          -7.2
                                                 -0.1
                                                        9.9
                                                             17.2
                                                                    22.6
                                                                          22.6
                12.8
                                          -7.4
                                                             17.4
                                                                    21.0
## 4619
          18.9
                        2.6
                              0.0
                                   -3.6
                                                       11.3
                                                                          24.0
                                                                                 23.4
                                                  1.9
##
  4620
          21.8
                13.6
                        8.5
                              3.8
                                   -2.6
                                           0.3
                                                 6.1
                                                        9.8
                                                             16.7
                                                                    23.4
                                                                          25.1
                                                                                 25.4
          22.2
                15.3
                        9.2
                             -2.5
                                   -0.9
                                           4.3
                                                       12.5
                                                             14.9
                                                                    22.6
                                                                                 21.9
## 4621
                                                  4.1
                                                                          24.5
## 4622
          21.4
                14.6
                        5.2
                             -1.9
                                    -3.3
                                          -0.7
                                                 2.6
                                                        5.7
                                                             19.4
                                                                    22.3
                                                                          24.9
                                                                                 24.9
## 4623
          20.8
                11.8
                        2.0
                              0.5
                                    -5.1
                                          -2.5
                                                  1.3
                                                       10.4
                                                             15.0
                                                                    20.5
                                                                          25.6
                                                                                 23.4
          21.6
               10.5
                        2.3
                              2.0
                                   -0.2
                                          -1.1
                                                 6.0
                                                             15.4
                                                                    23.3
                                                                          26.1
                                                                                 24.6
## 4624
                                                        8.7
## 4625
          19.0
                10.9
                        8.6
                              0.8
                                   -1.0
                                          -5.9
                                                 6.8
                                                       11.2
                                                             15.9
                                                                    24.0
                                                                          24.2
                                                                                25.5
## 4626
          21.7
                15.8
                        5.0
                              4.2
                                   -4.9
                                          17.9
                                                12.3
                                                       -5.9
                                                             12.0
                                                                    16.3
                                                                           6.4
                                                                                 0.4
## 4627
          12.1
                16.7
                       24.3
                             22.5
                                   13.3
                                           7.2
                                                 -3.0
                                                        2.4
                                                             16.6
                                                                    25.1
                                                                          20.7
                                                                                 19.9
##
  4628
           4.4
                  9.7
                        0.2
                             -4.4
                                   11.9
                                          22.5
                                                24.7
                                                       22.1
                                                             -2.8
                                                                    -0.6
                                                                           9.9
                                                                                 15.4
  4629
          25.6
                25.1
                        6.0
                             -1.3
                                   -1.8
                                          -8.8
                                                 11.3
                                                       16.5
                                                             24.7
                                                                    24.1
                                                                          24.0
                                                                                 20.3
                                   -6.8 -10.3
## 4630
          13.0
                 5.8
                        0.9 - 4.7
                                                 3.6
                                                        7.3
                                                             17.9
                                                                    21.9
                                                                          24.4
                                                                                 22.3
## 4631
          18.2 12.4
                        1.4 -10.9 -10.4
                                          -9.3
                                                -2.1
                                                        6.7
                                                             13.5
                                                                    20.4
                                                                          24.2
                                                                                 22.5
                                                 0.1
          17.5
                10.2
                        0.3 -10.2 -13.2
                                          -6.2
                                                             14.6
                                                                          21.1
                                                                                 20.8
## 4632
                                                        8.7
                                                                    19.8
                        6.0 -8.1 -12.2
  4633
          18.5
                  6.1
                                          -9.1
                                                 5.0
                                                       11.2
                                                             16.0
                                                                    20.3
                                                                          24.1
                                                                                 25.0
##
  4634
          15.7
                12.2
                        1.6 -8.6 -11.1
                                          -8.8
                                                -1.4
                                                        7.5
                                                             14.7
                                                                    20.5
                                                                          24.6
                                                                                 22.5
   4635
                             -2.3
                                   -4.3
                                          -2.0
                                                 9.1
                                                             17.6
                                                                          25.0
##
          16.6
                11.9
                        3.7
                                                        9.8
                                                                    22.4
                                                                                 21.9
          15.8
                                          -7.0
                                                             14.2
##
   4636
                  8.8
                        3.2 - 4.5
                                   -8.3
                                                -2.6
                                                        5.0
                                                                    19.8
                                                                          23.6
                                                                                23.0
##
  4637
          19.2
                  9.3
                        0.4 -10.8 -13.1 -13.0
                                                 -3.5
                                                        6.5
                                                             15.3
                                                                    20.8
                                                                          21.7
                                                                                 22.5
## 4638
          17.1
                  9.5
                       -3.3
                             -4.2
                                   -7.2 -11.2
                                                  1.9
                                                       10.0
                                                             14.8
                                                                    20.8
                                                                          22.9
                                                                                 21.6
##
  4639
          20.1
                11.1
                        5.2
                             -0.8
                                   -7.9
                                          -4.9
                                                  4.9
                                                        9.4
                                                             15.6
                                                                    21.9
                                                                          23.8
                                                                                 20.4
                        6.6
                                          -1.8
##
   4640
          18.7
                11.8
                            -6.2
                                   -6.1
                                                  1.0
                                                       10.4
                                                             14.9
                                                                    22.0
                                                                          21.5
                                                                                17.8
                                                                          23.1
## 4641
          17.2
                10.5
                        1.3
                             -6.8
                                   -8.5
                                          -9.1
                                                 0.5
                                                        3.2
                                                             19.3
                                                                    22.8
                                                                                22.4
                 7.7
## 4642
          18.0
                       -2.1
                             -3.2 -10.4 -10.6
                                                 -1.8
                                                        8.1
                                                             13.3
                                                                    20.7
                                                                          24.1
                                                                                 19.7
##
  4643
          18.8
                 7.5
                       -0.5
                             -4.8
                                   -6.4
                                          -6.3
                                                 3.2
                                                        7.2
                                                             14.8
                                                                    22.9
                                                                          24.1
                                                                                 21.3
## 4644
          15.6
                  6.2
                        3.4
                             -4.2
                                   -6.2 - 12.1
                                                  4.8
                                                        7.8
                                                             14.6
                                                                    23.4
                                                                          22.4
                                                                                 21.6
## 4645
          17.2 11.4
                        1.7
                             -5.0 -12.5
                                           5.6
                                                  1.9
                                                        5.4
                                                             16.3
                                                                    20.9
                                                                          24.7
                                                                                 24.8
  4646
          17.8
                11.3
                        7.5
                              2.1
                                   -5.4
                                          11.0
                                                22.7
                                                       26.2
                                                             21.2
                                                                    16.0
                                                                           6.6
                                                                                 -0.8
##
##
                             23.0
                                          22.5
                                                             -2.5
  4647
           1.2
                12.9
                       16.1
                                   24.2
                                                11.8
                                                        4.5
                                                                    13.3
                                                                          18.2
                                                                                22.7
          21.6
                22.5
                       19.2
                             10.7
                                     8.1
                                          -2.0
                                                -1.8
                                                       14.5
                                                             18.8
                                                                    24.0
                                                                          25.2
  4648
           6.6
##
  4649
                -3.2
                        2.0
                             13.3
                                   17.7
                                          23.6
                                                18.0
                                                       11.8
                                                              9.5
                                                                     1.7
                                                                           3.3
                                                                                12.6
                       23.2
                             17.9
                                                        0.7
                                                             12.4
##
   4650
          20.3
                26.5
                                    11.9
                                           4.1
                                                 1.3
                                                                    18.7
                                                                          22.0
                                                                                 23.2
          22.5
                19.2
                       12.2
                              4.9
                                   -2.9
                                                                    12.6
                                                                                 -1.5
##
   4651
                                          13.7
                                                18.4
                                                       22.9
                                                             18.1
                                                                           3.7
                       19.7
                             22.5
                                    23.4
                                          21.7
   4652
          -5.5
                12.9
                                                 20.1
                                                       13.1
                                                              8.7
                                                                    -0.9
                                                                           2.4
                                                                                 12.3
                22.6
                             24.8
                                    20.7
                                                 7.7
## 4653
          16.7
                       24.6
                                          15.3
                                                        3.7
                                                              6.4
                                                                    15.6
                                                                          17.6
                                                                                 22.1
##
   4654
          24.1
                21.7
                       18.9
                             14.3
                                     6.6
                                          -2.1
                                                 5.3
                                                        9.3
                                                             22.7
                                                                    24.2
                                                                          23.7
                                                                                 21.5
   4655
          13.1
                  3.9
                       -0.3
                              2.4
                                                             23.0
                                                                    22.0
                                                                                 2.6
##
                                   13.0
                                          18.8
                                                21.6
                                                       24.5
                                                                           3.6
##
   4656
           1.7
                10.7
                       15.9
                             22.2
                                   25.3
                                          22.9
                                                18.7
                                                       12.3
                                                              8.2
                                                                     1.6
                                                                           0.4
                                                                                -2.1
                       23.0
                             23.5
                                                                                 20.8
##
  4657
          11.5
                15.9
                                   24.2
                                          19.9
                                                15.9
                                                        4.6
                                                              5.9
                                                                    -2.4
                                                                           4.7
                                                                                 20.7
  4658
          22.6
                20.8
                       14.1
                              1.4
                                   -5.7
                                          -7.1 -13.6
                                                        5.6
                                                             13.7
                                                                    22.6
                                                                          22.4
##
                             -7.9 -15.0
## 4659
          16.5
                10.3
                        0.0
                                           1.0
                                                -1.2
                                                       19.5
                                                             23.3
                                                                    21.1
                                                                          10.4
                                                                                 0.3
## 4660
          -4.7
                  7.5
                       15.8
                             21.5
                                   21.2
                                           4.6
                                                -0.8
                                                       -1.1
                                                             10.2
                                                                   13.0
                                                                          20.6
                                                                                22.8
                            -0.8 10.2 14.6 20.2
## 4661
          19.6
                  9.2
                      -5.9
                                                       21.8 16.0 10.0
                                                                         -3.0
                                                                                -1.2
```

```
16.1 20.8 23.9 21.9 18.7 11.5 -5.1 -1.9 10.0 15.7
## 4662
                                                                       19.8
                                                                              23.6
                                                                         9.1
## 4663
          19.0
                 0.1
                       2.1
                            10.4
                                  23.3
                                        22.1
                                               12.6
                                                      3.5
                                                           -1.1
                                                                 -1.2
                                                                              14.7
                                        -3.9
                                                                       20.2
## 4664
          20.4
               16.2
                      11.9
                             4.4
                                  -4.6
                                                8.6
                                                     15.1
                                                           19.8
                                                                 21.9
                 4.4
                      -8.6
                                               22.2
                                                     19.6
##
  4665
          12.5
                             9.1
                                  17.4
                                        18.9
                                                           10.8
                                                                  8.0
                                                                         0.5
                                                                              14.8
##
  4666
          19.7
                23.4
                      22.8
                            18.5
                                   5.8
                                         0.5
                                                1.5
                                                     10.9
                                                           19.7
                                                                 21.0
                                                                       19.0
                                                                              15.2
  4667
           5.6
                -2.8
                       6.5
                            19.4
                                 23.0
                                        23.2
                                               18.9
                                                     11.4
                                                            4.1
                                                                 -2.4
                                                                       -0.7
                                                                              10.1
##
               23.8
                      21.4
                            17.6
                                  12.5
                                          2.9
                                                0.8
                                                      1.3
                                                            7.2
                                                                 13.8
                                                                        20.3
  4668
          14.5
                      11.8
                                        -1.6
          22.4
               17.5
                             7.4
                                               23.9
                                                     27.9
                                                           22.3
                                                                              23.4
## 4669
                                   1.0
                                                                 14.9
                                                                       18.9
## 4670
          26.7
                27.6
                      26.2
                            13.6
                                  14.7
                                         18.7
                                               24.6
                                                     28.8
                                                           28.0
                                                                 25.2
                                                                        11.4
                                                                              28.7
                      16.8
                21.3
                             8.8
                                   9.7
                                                           27.5
## 4671
          27.2
                                        13.6
                                               21.7
                                                     22.8
                                                                 17.9
                                                                        13.0
                                                                              13.5
## 4672
          14.1
                19.9
                      24.4
                            26.2
                                  24.5
                                        19.1
                                               13.4
                                                     12.9
                                                           13.1
                                                                 21.7
                                                                        25.7
                      26.5
                                  27.8
                                                                 22.2
## 4673
          20.2
                23.2
                            26.8
                                        25.5
                                               12.7
                                                     11.0
                                                           10.3
                                                                        27.2
                                                                              25.8
## 4674
          21.2
               18.5
                      26.2
                            20.7
                                  17.8
                                        15.8
                                               17.3
                                                     21.6
                                                           22.2
                                                                 26.7
                                                                        28.1
                                                                              16.9
## 4675
               23.8
                      25.4
                            21.5
                                  13.4
                                        18.5
                                               26.6
                                                     26.8
                                                           27.0
                                                                 27.4
                                                                        23.9
                                                                              22.3
          17.8
## 4676
          11.3
                 0.0
                       3.0
                            15.3
                                  17.6
                                        26.4
                                               19.0
                                                     10.0
                                                            5.0
                                                                  6.9
                                                                        16.7
                                                                              22.0
## 4677
          25.1
                29.1
                      25.8
                            21.4
                                  13.5
                                         9.0
                                                3.4
                                                     12.2
                                                           24.4
                                                                 22.3
                                                                        13.9
                                                                               0.2
## 4678
           1.7
                      19.2
                            23.3
                                  23.6
                                        21.0
                                               16.1
                                                      5.9
                                                            2.5
                                                                 -0.1
                                                                       15.4
                                                                              18.8
                14.1
## 4679
          26.8
                24.4
                       2.6
                             6.8
                                  25.5
                                        25.5
                                               22.5
                                                     18.6
                                                           11.7
                                                                 10.2
                                                                       16.1
          26.4
                                                     22.6
## 4680
                23.6 21.8
                            15.4
                                  11.3
                                        26.1
                                               24.6
                                                            6.2
                                                                  5.7
                                                                       15.4
                                                                              19.3
## 4681
          22.9
               25.3
                      25.4
                            25.3
                                   4.5
                                         4.7
                                               13.1
                                                     17.3
                                                           24.7
                                                                 26.3
                                                                       24.7
                                                                              21.1
               11.2
                                        12.1
                                                      7.9
## 4682
          13.6
                       3.0
                            20.2 16.4
                                                9.0
                                                            9.3
                                                                 12.6
                                                                       12.3
                                                                              16.2
## 4683
          17.4
               18.2
                      20.1
                            21.2
                                  17.7
                                         10.7
                                                8.0
                                                      6.8
                                                           10.8
                                                                  9.8
                                                                       15.2
                           20.6
                                                      7.4
## 4684
          21.2 21.0
                     19.8
                                  17.5
                                         11.4
                                                8.1
                                                            8.0
                                                                 11.4
                                                                       14.1
                                                                              15.9
## 4685
          19.5
                20.0
                      21.1
                            16.6
                                  11.0
                                          7.6
                                                5.4
                                                      9.9
                                                           12.8
                                                                 16.1
                                                                       18.7
                                                                              21.4
          20.9
               20.5
                     22.0
                                  11.3
                                          7.7
                                                9.9
                                                           10.5
                                                                 11.9
                                                                       15.2
                                                                              19.2
## 4686
                            16.7
                                                      9.3
## 4687
          20.8
               20.4
                      20.2
                            16.7
                                  12.1
                                          6.2
                                                4.3
                                                      7.8
                                                           11.4
                                                                 15.7
                                                                       16.9
## 4688
          20.1
               19.7
                      16.4
                            13.6
                                   7.2
                                          6.0
                                               10.0
                                                     11.3
                                                           15.4
                                                                 17.0
                                                                       18.7
                                                                              21.0
  4689
                      17.7
                            14.6
                                  10.6
                                          7.7
                                                           12.5
                                                                 16.3
##
          21.8
               20.4
                                                9.6
                                                     12.1
                                                                       17.1
                                                                              19.0
                     17.0 12.2
                                                9.9
                                                           14.0
## 4690
          19.1
               19.0
                                   7.7
                                          6.6
                                                     11.0
                                                                 17.4
                                                                       16.5
                                                                              20.2
## 4691
          19.9
               21.3
                     17.5
                            11.2
                                    8.7
                                         10.6
                                               11.0
                                                     11.3
                                                           13.0
                                                                 14.9
                                                                       18.0
                                                                              21.4
## 4692
          19.2
               20.4
                      17.1
                            12.2
                                  10.0
                                          8.6
                                                9.6
                                                     10.2
                                                           15.4
                                                                 16.5
                                                                        19.2
                                                                              21.3
## 4693
          18.1
                19.4
                      16.9
                            11.1
                                    6.6
                                          5.9
                                                9.3
                                                     11.9
                                                           11.4
                                                                 16.9
                                                                        18.0
                                                                              19.3
                            12.0
                                    9.9
## 4694
          19.9
               20.3
                      16.8
                                          9.1
                                                8.9
                                                     11.8
                                                           13.5
                                                                 16.2
                                                                        20.0
                                                                              19.3
## 4695
          19.3
               20.0
                     16.0
                            12.7
                                   7.7
                                          7.0
                                               11.2
                                                     12.3
                                                           15.1
                                                                 16.2
                                                                       21.8
                                                                              21.7
                                   7.9
## 4696
          20.5
                20.4
                      16.3
                            11.9
                                         7.9
                                               12.2
                                                     10.5
                                                           14.6
                                                                 17.2
                                                                        19.4
                                                                              19.5
## 4697
          22.0 22.7
                      19.3
                            13.8
                                  11.3
                                        10.0
                                               10.2
                                                     14.5
                                                           16.5
                                                                 16.9
                                                                       20.8
                                                                              21.8
## 4698
          20.6
               19.9
                     19.5
                            13.5
                                   9.3
                                          8.2
                                               11.0
                                                     13.0
                                                           14.2
                                                                 16.3
                                                                       21.2
## 4699
          20.2 19.6
                     17.0
                            11.4
                                   7.9
                                          5.4
                                               11.7
                                                     11.7
                                                           15.0
                                                                 14.8
                                                                       20.9
                                                                              22.6
## 4700
          21.0 19.9
                      17.7
                            11.8
                                   7.6
                                          6.2
                                                8.5
                                                     10.6
                                                           15.7
                                                                 15.5
                                                                       19.3
                                                                              19.7
          20.8 18.6
                                                           10.9
## 4701
                     15.9
                            12.1
                                   7.2
                                          4.2
                                               12.7
                                                     10.0
                                                                 14.9
                                                                       18.6
                                                                              20.5
## 4702
          21.1
               20.9
                      16.4
                            10.5
                                   4.5
                                          6.8
                                                9.9
                                                     11.0
                                                           13.3
                                                                 14.6
                                                                       18.4
## 4703
          20.5 19.3 17.2
                             9.7
                                   9.6
                                          7.2
                                                9.0
                                                     10.5
                                                           12.7
                                                                 16.3
                                                                       16.2
                                                                              20.0
               17.7
                      18.0
                            12.4
                                                8.8
                                                           15.8
## 4704
          21.1
                                   5.4
                                          7.4
                                                     11.2
                                                                 16.3
                                                                        20.1
                                                                              19.9
## 4705
          21.0
               20.1
                      16.7
                                   7.5
                                          7.6
                                                8.5
                                                            8.7
                            12.1
                                                     10.0
                                                                 17.1
                                                                       18.1
                                                                              22.5
## 4706
                      18.2
                            13.0
                                    6.1
                                          5.4
                                               12.3
                                                           15.2
          23.2
               21.9
                                                     12.9
                                                                 16.7
                                                                        21.5
          21.2
                      16.6
                                   5.9
                                          6.4
                                                           12.3
## 4707
               21.2
                            11.6
                                                8.5
                                                     11.1
                                                                 16.8
                                                                       17.8
                                                                              20.7
                                   9.2
                                          9.6
## 4708
          22.3
               20.5
                      15.8
                            11.1
                                               10.6
                                                     12.9
                                                           18.0
                                                                 20.0
                                                                        23.3
                                                                              20.5
## 4709
               15.0
                      13.1
                             7.4
                                  11.6
                                        11.5
                                                           21.1
          21.0
                                               17.9
                                                     21.6
                                                                 19.9
                                                                       19.6
                                                                             17.1
## 4710
          12.1
                 8.5
                       9.6
                            12.3
                                  13.8
                                        16.1
                                               19.8
                                                     21.2
                                                           20.8
                                                                 20.0
                                                                       17.6
                                                                              10.4
                                  17.2
           7.1
                      10.7
                                                           20.0
## 4711
                 6.0
                            10.9
                                        18.8
                                               20.2
                                                     20.7
                                                                 16.6
                                                                       11.8
                                                                               8.0
## 4712
           7.4
               10.0
                      10.7
                            17.8
                                 22.1
                                        21.8
                                               20.2
                                                     19.9
                                                           19.2
                                                                 13.8
                                                                         8.1
                                                                               6.3
                      14.9
                           20.0 21.1
## 4713
          10.9
               11.3
                                        20.8
                                              19.2
                                                     17.1
                                                           12.8
                                                                 10.3
                                                                       10.5
                                                                              10.9
                                                            5.8
## 4714
          13.7
                18.6 19.4
                            21.1 21.7
                                        21.4
                                              18.7
                                                     11.4
                                                                  8.1
                                                                       10.3
                                                                              13.5
          19.5 22.1 22.7 21.1 22.0 16.9 11.7
                                                      7.9
## 4715
                                                            8.4 11.7
                                                                       12.2
                                                                             15.7
```

```
17.7 20.9 19.1 19.2 18.1 13.4
                                              8.7
                                                   8.2 10.4 10.9 18.4
## 4716
## 4717
         19.8 21.8
                     19.7
                          15.5
                                13.5
                                       10.5
                                              6.5
                                                  11.4
                                                        11.2
                                                              16.9
                                                                    17.2
                                                                          20.1
                                            10.4
## 4718
         19.8 19.9
                     16.6
                            9.6
                                 8.2
                                        6.7
                                                  11.2 16.8
                                                              19.6
                                                                    20.8
                                                                          21.8
                                                  19.1
## 4719
         21.5 18.0 11.6 10.0
                                 8.1
                                            13.2
                                                        19.4
                                                               22.7
                                                                    21.9
                                        9.1
                                                                           23.1
## 4720
         16.0
               11.2
                      7.3
                           5.3 10.6
                                       10.1
                                             16.7
                                                   22.4
                                                         22.6
                                                               21.1
                                                                    19.7
                                                                           17.5
## 4721
         10.6
                6.5 10.7
                          13.1 14.9
                                      17.6 20.1
                                                  21.2
                                                        20.5
                                                               17.9
                                                                    17.8
                                                                          13.7
          8.0
                     10.5 12.5
                                20.0
                                      19.9
                                             20.2
                                                   21.3
                                                        20.0
                                                              18.7
## 4722
                7.7
                                                                     11.6
                                                                           7.8
          7.7 11.7 14.8 17.4
                                20.5
                                       23.8
                                             21.6
                                                   20.7
                                                        17.5
                                                              12.7
## 4723
                                                                     8.6
                                                                           6.7
## 4724
          8.0
               12.1
                     16.7
                           19.6
                                 21.7
                                       20.4
                                             19.4
                                                  18.5
                                                         13.0
                                                                7.3
                                                                     9.1
                                                                           9.5
               17.7
                     20.5
                          21.3
                                21.4
                                       21.1
                                                         4.9
                                                                    12.1
                                                                            9.9
## 4725
         13.0
                                             18.4
                                                   11.6
                                                                8.0
## 4726
         14.7
               18.0
                     21.4
                          20.7
                                 20.9
                                      18.8
                                             12.3
                                                    7.1
                                                          5.3
                                                               10.6
                                                                    12.5
                                                                           19.9
## 4727
                     23.0
                          22.1
         19.5
               22.8
                                20.1
                                      14.0
                                             21.7
                                                   22.0
                                                         20.4
                                                               17.8
                                                                    12.3
                                                                           8.2
## 4728
          8.7
                9.0 16.5
                          20.2
                                21.4
                                       20.3
                                             16.5
                                                   9.1
                                                          6.7
                                                               10.9
                                                                    11.2
                                                                          12.3
## 4729
         22.5
               22.2
                    18.9
                          14.7
                                 10.6
                                      11.5
                                             18.1
                                                   22.1
                                                         19.3
                                                              17.3
                                                                    17.7
                                                                          16.1
## 4730
         15.2
              12.1
                      7.1
                            9.5
                                 14.0
                                      17.9
                                             17.3
                                                   17.4
                                                        14.2
                                                              11.8
                                                                    10.0
                                                                           9.1
## 4731
         11.6 14.6 17.5
                           18.8
                                 18.3
                                       15.4
                                              9.8
                                                    9.6
                                                        15.6
                                                              18.7
                                                                     10.4
                                                                           7.1
## 4732
         10.7
              11.9 16.9
                           14.3
                                 11.8
                                       9.4
                                              9.7
                                                    9.1
                                                         15.2
                                                              18.3
                                                                    20.0
                                                                          20.3
                                 18.9
## 4733
         19.6 11.4
                      9.9
                          12.8
                                       18.1
                                             14.4
                                                   10.4
                                                         7.6
                                                               8.9
                                                                    11.8
                                                                          15.6
## 4734
         18.0 18.0 18.5
                          14.3
                                 9.7
                                      12.2
                                            15.1
                                                  17.0
                                                        25.5
                                                              18.1
                                                                    18.4
                                                                          17.9
## 4735
         10.6
                6.8
                      8.7
                          10.1 13.3
                                      15.0
                                             17.1
                                                  17.9
                                                        11.2
                                                               8.4
                                                                    16.2
                                                                          18.6
                                                               23.4
## 4736
         21.0 20.0 21.4
                          17.3 10.0
                                      10.8
                                            15.2
                                                  15.3
                                                        17.6
                                                                    24.3
                                                                          15.8
## 4737
         17.3 12.0
                      6.2
                            9.6
                                20.2
                                      18.3
                                            24.6
                                                   23.2
                                                        21.3
                                                               16.1
                                                                    12.2
                                            19.6
                                                  12.8
## 4738
         13.3 19.8 17.5 24.8
                                17.8
                                      18.1
                                                         9.5
                                                              13.3
                                                                    16.9
                                                                          17.7
## 4739
         17.3 22.1
                     24.7
                           21.7
                                 19.9
                                       10.1
                                              9.8
                                                  12.6
                                                        15.8
                                                               18.1
                                                                    21.4
                                                                           21.6
         20.1 20.3 16.5
                           13.0
                                  7.0
                                       7.8
                                            10.9
                                                  14.1
                                                        20.1
                                                               21.2 22.7
                                                                           25.6
## 4740
                                                   23.3
## 4741
         23.8 16.8 12.3
                            7.3
                                  9.2
                                      11.1
                                             16.8
                                                         26.5
                                                               20.6
                                                                    21.5
                                                                    17.2
## 4742
         11.6
                9.2 10.1
                            8.3
                                17.5
                                       15.8
                                             24.2
                                                   24.6
                                                         23.6
                                                               22.3
                                                                          12.4
## 4743
                8.9
                     12.3
                          16.3
                                19.5
                                       22.0
                                             24.8
                                                         24.1
                                                               20.0
                                                                    11.5
          9.7
                                                   26.5
                                                                           8.9
## 4744
          9.5
                    18.2 19.8
                                                         13.3
               -9.9
                                 7.7
                                       0.0 -10.5 -13.3
                                                               17.8
                                                                    16.7
                                                                           16.2
## 4745
          3.2
               -5.5
                    18.1
                           21.8
                                 0.3
                                      -7.1 18.4
                                                   20.3
                                                          9.6
                                                                2.6
                                                                    -3.4
                                                                           20.5
               -7.8 13.8
                                       -0.7 -13.7
## 4746
          1.4
                           20.5
                                16.0
                                                    3.4
                                                         13.6
                                                              19.4
                                                                     19.4
                                                                           12.9
## 4747
          6.8
              -3.8 -14.3
                            7.7
                                 12.3
                                       21.2
                                             19.3
                                                   18.1
                                                          9.2
                                                                4.2
                                                                    -8.0
                                                                          -4.6
## 4748
          6.8 15.0 20.2
                                15.8
                                       9.2
                                                   -7.5
                                                         -2.8
                          19.8
                                              3.9
                                                                7.3
                                                                    11.9
                                                                          17.7
## 4749
         14.6
              10.0
                    -0.9
                           -8.4
                                 -8.8
                                       1.0
                                             17.4
                                                   19.6
                                                         21.7
                                                               20.5
                                                                    15.8
                                                                          -2.9
                     21.8 18.4
                                             -5.6
                                                   -7.3
## 4750
         -3.9
              17.7
                                 -2.2
                                      -5.3
                                                         4.0
                                                               12.0
                                                                    18.2
                                                                           21.1
## 4751
         19.1 11.5
                      3.1 -4.2 -7.0 -12.2
                                              6.7
                                                   11.8
                                                        19.8
                                                               19.7
                                                                     19.3
                                                                          14.4
## 4752
         10.7
                0.0
                     -5.3 -12.8
                                 4.8
                                      11.3
                                             15.6
                                                   20.7
                                                         23.8
                                                               22.2
                                                                     9.6
                                                                           2.8
## 4753
          2.2
                2.3 12.0 16.2 21.5
                                       22.4
                                             22.7
                                                   18.6
                                                        15.0
                                                               5.6
                                                                     8.9
                                                                           0.2
## 4754
         18.0 29.2 33.8 18.5
                                 24.3
                                       32.6
                                             13.1
                                                  11.1
                                                        12.8
                                                               13.9
                                                                    15.1
                                                                           13.5
         10.6
## 4755
                8.1
                      5.9
                            5.7
                                 10.2
                                      13.7
                                             15.4
                                                   14.6
                                                        13.8
                                                               10.3
                                                                     8.6
                                                                           8.3
## 4756
          5.9
              11.2 14.6 15.9
                                15.5
                                       14.5
                                              5.5
                                                    7.0
                                                        12.3
                                                               14.7
                                                                     16.7
## 4757
         11.3
                7.3
                      6.2
                            6.0
                                 8.8
                                      13.4
                                             14.4
                                                   16.0
                                                        15.6
                                                              13.4
                                                                    11.8
                                                                           6.9
              15.0 16.0 14.8 11.5
                                             10.1
                                                   12.3
                                                        14.4
                                                               17.9
## 4758
          7.4
                                       5.7
                                                                    17.2
                                                                          15.2
## 4759
         11.6
                8.2
                      5.3
                                             10.6
                                                    4.9
                                                         8.1
                                                              11.0
                                                                          15.4
                            7.7
                                  8.3
                                       11.9
                                                                    15.1
## 4760
         15.1
                9.0 10.4 14.0 14.6
                                                  14.9
                                        6.5
                                              5.8
                                                        15.4
                                                              11.3
                                                                     6.4
                                                                           4.9
          6.4
                9.3 11.1
                          14.8
                                 14.3
                                              4.0
                                                         12.1
## 4761
                                        8.5
                                                    9.1
                                                               14.8
                                                                    15.5
                                                                           10.3
                     16.0
## 4762
          5.1
               14.2
                           16.2
                                 16.5
                                        7.9
                                              7.6
                                                   12.0
                                                         14.9
                                                               17.3
                                                                     17.0
                                                                          14.0
## 4763
         12.9
               15.8 14.5
                          12.0
                                  3.7
                                        5.2
                                                         14.5
                                                               11.2
                                                                          13.0
                                              9.4
                                                   11.7
                                                                     7.6
## 4764
         14.7
               16.0 15.0 11.9
                                  3.5
                                       12.6
                                             14.0
                                                   17.4
                                                         15.4
                                                                7.2
                                                                      6.0
                                                                           9.6
## 4765
                                              7.7
                                                          6.4
         12.9
               13.9
                     15.1
                           16.3
                                 16.5
                                       11.7
                                                    6.9
                                                                5.3
                                                                     9.4
                                                                          11.2
                                                                           19.9
## 4766
         16.3
               16.2
                     16.6
                           15.4
                                 11.7
                                        9.6
                                              5.0
                                                    6.7
                                                         14.7
                                                               16.1
                                                                     20.0
## 4767
         15.2
                2.7
                     -2.3
                          -3.1
                                  1.6
                                        6.8
                                             19.2
                                                   21.3
                                                         19.3
                                                               18.0
                                                                     7.3
                                                                           4.8
                                                    3.4
## 4768
         -1.7 - 7.0
                     5.7
                          11.0 16.3
                                      13.7
                                              8.2
                                                         -5.7
                                                              -7.8
                                                                    -3.1
                                                                          13.5
         19.4 19.4 21.2 15.5
                                       4.8 -1.3 -5.5 -5.3 -0.2
## 4769
                                 9.0
                                                                     6.0
                                                                          11.0
```

```
## 4770
          16.2 20.5
                       21.3 16.9
                                     6.8
                                           1.4 -4.3 -13.0 -9.6
                                                                  -2.6
                                                                           4.1
                                                                                11.5
## 4771
          17.6
                20.8
                       20.8
                             16.4
                                     8.9
                                           3.9
                                                -2.6 -12.1
                                                             -5.9
                                                                     0.2
                                                                           6.0
                                                                                12.3
                                                             -5.8
## 4772
          15.9
                19.5
                       19.6
                             15.0
                                     9.0
                                           2.4
                                                -4.2 -10.0
                                                                   -2.0
                                                                           7.1
                                                                                10.2
                             14.5
                                          22.5
                                                      17.0
## 4773
          18.9
                20.9
                        9.2
                                   17.5
                                                20.7
                                                              9.9
                                                                     3.4
                                                                          -2.9
                                                                                -8.3
## 4774
          -7.2
                -0.5
                        6.1
                             13.0
                                   16.5
                                          21.6
                                                19.7
                                                       16.7
                                                             10.3
                                                                     5.1
                                                                          -1.7
                                                                                -5.0
## 4775
          -3.4
                 3.4
                        7.6
                            13.6
                                  16.9
                                          21.3
                                                20.9
                                                       14.2
                                                             10.3
                                                                     1.1
                                                                          -2.8
                                                                                -7.2
## 4776
          -4.8
                -0.2
                        4.7
                             11.8
                                   17.4
                                          21.4
                                                19.1
                                                       15.2
                                                             10.0
                                                                          -7.3
                                                                                -7.5
                                                                     1.8
                                                                         -1.7
## 4777
          -7.7
                -5.1
                            12.5
                                   17.8
                                          21.3
                                                19.7
                                                       15.4
                                                             10.9
                                                                     0.7
                                                                                -8.8
                        5.4
## 4778
         -13.2
                -3.8
                        4.9
                             14.0
                                   15.4
                                          19.7
                                                20.9
                                                       18.0
                                                              7.9
                                                                     4.2
                                                                           1.1
                                                                                -4.8
          -3.1
                                                                                -3.4
                 0.6
                                          22.8
                                                       16.6
                                                                     4.3
## 4779
                        5.4
                            14.3
                                   18.1
                                                21.0
                                                              9.8
                                                                          -4.6
          -4.5
## 4780
                -3.3
                        7.3
                             11.6
                                   17.3
                                          19.9
                                                19.7
                                                       18.0
                                                             13.4
                                                                     2.9
                                                                          -6.8
                                                                                -7.1
## 4781
          -2.6
                                                              7.4
                                                                                -7.3
                 0.0
                        4.9
                             14.0
                                   16.8
                                          21.8
                                                22.0
                                                       16.3
                                                                     0.6
                                                                          -4.0
## 4782
          -6.3
                -2.1
                        5.9
                            10.6
                                   16.9
                                          21.8
                                                19.5
                                                       14.8
                                                              9.6
                                                                     0.3
                                                                          -3.2
                                                                                -4.7
## 4783
          -4.4
                 1.3
                            12.0
                                   18.5
                                          21.8
                                                20.5
                                                       15.7
                                                              8.7
                                                                          -0.6
                                                                                -3.8
                        5.1
                                                                     5.1
## 4784
          -5.3
                 0.1
                        8.2
                            12.8
                                   19.3
                                          19.2
                                                21.6
                                                       16.9
                                                             11.7
                                                                     3.5
                                                                          -2.3
                                                                                -9.0
                                                                                25.8
## 4785
          21.6
                 7.2
                       17.1
                             20.4
                                   24.4
                                           7.1
                                                 7.5
                                                        8.6
                                                             17.0
                                                                   20.8
                                                                          24.7
## 4786
          26.1
                22.4
                       18.8
                             10.9
                                   12.5
                                           6.3
                                                 4.9
                                                       11.4
                                                             24.6
                                                                   22.6
                                                                           3.3
                                                                                 2.0
                             23.3
## 4787
           2.8
                12.6
                       17.5
                                   25.3
                                          24.8
                                                21.1
                                                       17.3
                                                              7.2
                                                                     9.6
                                                                           0.8
                                                                                12.9
          -5.6
## 4788
                13.4
                       19.3
                              8.3
                                   24.5
                                          24.4
                                                 8.8
                                                        0.4
                                                                   14.4
                                                                          17.5
                                                                                21.5
                                                              5.6
## 4789
          -1.0
                -3.3
                        0.6
                            24.5
                                   23.8
                                          21.7
                                                12.9
                                                        2.2
                                                              1.6
                                                                   11.9
                                                                          22.6
                                                                                25.8
## 4790
          22.4
                 2.8
                        2.1
                             -0.2
                                   10.4
                                          16.6
                                                24.2
                                                       25.6
                                                             22.8
                                                                    8.5
                                                                           0.8
                                                                                -5.7
## 4791
          12.1
                16.9
                       24.4
                             23.9
                                   24.2
                                          21.5
                                                15.6
                                                        5.0
                                                              4.7
                                                                   -4.5
                                                                          12.0
                                                                                 9.0
## 4792
          16.2
                24.5
                       28.3
                             30.6
                                   31.8
                                          24.2
                                                19.1
                                                       13.4
                                                              5.1
                                                                     9.1
                                                                          16.6
                                                                                25.9
## 4793
          26.8
                29.4
                       26.1
                             20.5
                                   15.0
                                           6.9
                                                10.7
                                                       18.5
                                                             23.8
                                                                   29.3
                                                                          30.9
                                                                                28.5
                                                       30.1
          23.8 19.3
                      13.9
                                          22.5
                                                28.6
                                                             29.6
                                                                   24.1
## 4794
                              7.7
                                   13.1
                                                                          16.9
                                                                                 6.4
                                          32.0
                                                26.3
## 4795
           5.6 19.4
                       24.4
                             30.2
                                   29.7
                                                       19.9
                                                             14.0
                                                                     9.1
                                                                           5.7
                                                                                 8.8
## 4796
          16.1
                21.3
                       22.3
                             30.5
                                   33.1
                                          33.8
                                                25.5
                                                       18.7
                                                             13.3
                                                                     7.9
                                                                           8.8
                                                                                10.4
## 4797
          17.2 20.6
                       24.9
                             28.6
                                   30.7
                                          29.5
                                                25.5
                                                             13.9
                                                                     9.4
                                                       18.0
                                                                           8.9
                                                                                 9.7
## 4798
                       21.9
                                          30.1
                                                             10.5
                                                                     6.2
          13.0 16.1
                             27.7
                                   28.4
                                                27.0
                                                       18.6
                                                                           5.8
                                                                                 6.6
## 4799
          12.8
                17.6
                       23.4
                             26.9
                                   27.5
                                          28.9
                                                25.4
                                                       21.0
                                                             10.2
                                                                   10.7
                                                                           6.1
                                                                                 6.6
## 4800
          18.5
                21.5
                       27.4
                             30.0
                                   30.1
                                          27.0
                                                20.3
                                                       13.5
                                                              7.2
                                                                   11.9
                                                                          18.7
                                                                                21.2
##
  4801
          27.3
                29.9
                       28.7
                             27.2
                                   21.7
                                          15.9
                                                 8.4
                                                       14.6
                                                             19.6
                                                                   22.9
                                                                          26.6
                                                                                29.4
                25.2
                                                                                29.6
##
  4802
          28.4
                       20.7
                             15.3
                                     9.5
                                           6.0
                                                 8.8
                                                       16.1
                                                             26.4
                                                                   30.2
                                                                          31.9
                                                18.9
                                                                          30.9
## 4803
          25.0
                18.7
                       11.2
                              7.4
                                     9.9
                                          12.1
                                                       23.0
                                                             26.8
                                                                   29.1
                                                                                29.5
## 4804
          18.9
               11.3
                        9.5
                             10.5
                                     9.7
                                          16.6
                                                17.9
                                                       23.4
                                                             28.2
                                                                   30.1
                                                                          30.4
                                                                                23.6
## 4805
          18.4 15.7
                        9.6
                              8.6
                                     5.1
                                          15.4
                                                17.4
                                                       21.3
                                                             27.4
                                                                   28.8
                                                                          29.1
                                                                                26.8
## 4806
          21.6
               13.6
                       15.4
                              6.8
                                     4.3
                                           1.5
                                                 6.3
                                                       13.6
                                                             17.9
                                                                   22.5
                                                                          26.3
## 4807
          18.3 13.2
                       10.8
                              5.9
                                     3.6
                                          -1.8
                                                 6.5
                                                        9.8
                                                             17.8
                                                                   22.3
                                                                          23.8
                                                                                23.6
## 4808
          20.3 17.0
                        7.0
                              2.5
                                     2.0
                                           2.7
                                                 7.0
                                                       12.5
                                                             16.8
                                                                   25.3
                                                                          26.6
                                                                                23.9
          21.4 12.0
## 4809
                        8.2
                              3.7
                                   -0.5
                                           2.5
                                                 6.4
                                                      12.2
                                                             17.3
                                                                   20.4
                                                                          24.3
                                                                                24.4
## 4810
          18.8 12.5
                       10.5
                              2.7
                                     0.7
                                          -0.3
                                                 9.1
                                                       13.8
                                                             18.9
                                                                   24.2
                                                                          27.0
## 4811
          21.3 13.9
                        7.6
                              0.4
                                   -1.8
                                           3.0
                                                 6.8
                                                       13.2
                                                             18.2
                                                                   23.2
                                                                          27.2
                                                                                24.5
                13.5
                       10.0
                              6.3
                                           4.4
                                                             19.1
## 4812
          20.7
                                     3.1
                                                11.2
                                                       12.6
                                                                   22.1
                                                                          27.6
                                                                                24.1
          19.9
                        5.1
                              6.2
                                           1.8
                                                             17.0
                                                                          27.0
## 4813
                14.1
                                     1.8
                                                 5.1
                                                       12.7
                                                                   22.1
                                                                                22.1
                14.2
                        7.4
                                   -2.5
                                                       10.9
## 4814
          18.0
                              3.7
                                           0.1
                                                 3.8
                                                             17.1
                                                                   23.6
                                                                          25.5
                14.1
                        6.1
                                   -0.5
                                          -4.7
## 4815
          19.3
                              5.1
                                                11.6
                                                       20.9
                                                             23.1
                                                                   26.1
                                                                          23.6
                                                                                21.2
                       10.7
## 4816
          12.6 10.0
                              0.9
                                     2.9
                                          10.3
                                                10.7
                                                       15.8
                                                             23.4
                                                                   25.1
                                                                          25.1
                                                                                22.6
## 4817
                10.1
                        3.9
                              2.7
                                     5.6
                                           5.5
                                                13.8
                                                             22.1
                                                                   26.0
                                                                          22.1
                                                                                21.7
          15.1
                                                       17.1
## 4818
          17.6
                 8.7
                        2.4
                             -0.4
                                     6.2
                                           4.2
                                                 9.5
                                                       19.0
                                                             21.5
                                                                   26.4
                                                                          26.7
                                                                                21.5
## 4819
                        4.6
                                                       17.7
                                                             22.2
          14.1
                 6.4
                              0.6
                                     3.1
                                           6.0
                                                13.8
                                                                   27.2
                                                                          25.2
                                                                                20.5
## 4820
          16.5
                 5.5
                        3.7
                              3.7
                                     5.5
                                           9.4
                                                11.3
                                                       15.5
                                                             24.1
                                                                   26.3
                                                                          24.5
                                                                                19.6
                                                              8.3
## 4821
          14.4
                10.3
                        3.7
                              1.5
                                   17.7
                                          24.9
                                                26.6
                                                       15.6
                                                                    9.4
                                                                           9.9
                                                                                17.3
## 4822
          21.2
                24.8
                       25.7
                             25.9
                                   23.0
                                          19.0
                                                11.0
                                                       13.5
                                                              7.7
                                                                    3.3
                                                                           3.0
                                                                                17.1
## 4823
          25.5 22.9
                      19.7
                              2.1
                                   -0.1
                                         13.4 17.8 24.3
                                                             24.8
                                                                   25.2
                                                                          21.6 17.6
```

```
## 4824
            6.7
                   9.0
                         -0.4
                                14.6
                                      16.3
                                              15.8
                                                     19.9
                                                              1.5
                                                                   18.5
                                                                          17.8
                                                                                 10.5
                                                                                          5.0
                  19.6
                         26.4
                                22.9
                                        9.0
                                              15.1
                                                      2.0
                                                              4.0
                                                                          24.5
                                                                                  26.5
                                                                                         23.3
## 4825
           16.8
                                                                   13.1
   4826
           10.3
                                                                                  17.3
##
                   3.5
                           2.6
                                -1.4
                                       13.9
                                              18.2
                                                     24.8
                                                            24.8
                                                                    24.5
                                                                          21.0
                                                                                          7.0
                                12.1
   4827
            9.4
                  -0.2
                         -8.1
                                         1.2
                                              12.7
                                                     10.1
                                                            16.0
                                                                    -1.7
                                                                          -7.1
                                                                                  11.6
##
                                                                                         16.1
##
   4828
           24.1
                  24.0
                         24.0
                                20.8
                                       14.6
                                               5.5
                                                       3.3
                                                            -6.4
                                                                     1.2
                                                                            0.7
                                                                                   1.2
                                                                                          9.0
   4829
           11.6
                   8.4
                           6.4
                                 2.3
                                       -0.2
                                              -1.0
                                                       1.2
                                                              1.9
                                                                     9.1
                                                                                   3.8
                                                                                          1.5
##
                                                                          11.1
   4830
            0.4
                                         7.0
                                                9.9
                                                     10.7
##
                   0.6
                           0.4
                                 5.3
                                                              9.1
                                                                     5.9
                                                                            4.0
                                                                                   1.9
                                                                                          0.5
           -0.3
                                                                            2.1
                                                                                  -0.3
## 4831
                   0.4
                           3.0
                                 3.8
                                         6.8
                                                8.7
                                                     10.0
                                                              9.3
                                                                     2.3
                                                                                          1.2
            2.9
##
   4832
                   4.2
                           6.6
                                 9.6
                                         8.1
                                                5.3
                                                       4.4
                                                              0.5
                                                                     0.9
                                                                            2.2
                                                                                   4.5
                                                                                          9.2
                                                                                          8.9
##
   4833
           11.0
                   9.7
                           5.3
                                  3.2
                                         2.0
                                                0.4
                                                       1.7
                                                              1.9
                                                                     2.4
                                                                            4.4
                                                                                   7.0
##
   4834
           10.7
                   8.0
                           5.4
                                  2.9
                                         3.3
                                                1.0
                                                       1.3
                                                              2.7
                                                                     4.0
                                                                            6.5
                                                                                   9.8
                                                                                         11.2
                                  2.2
   4835
            8.3
                           3.2
                                                2.3
                                                       2.1
                                                              2.8
                                                                     4.9
                                                                            7.1
                                                                                         11.0
##
                   5.9
                                         1.0
                                                                                   9.4
##
   4836
            9.1
                   6.8
                           3.7
                                  2.8
                                         2.4
                                                0.3
                                                       1.0
                                                              2.4
                                                                     5.8
                                                                            6.8
                                                                                   8.3
                                                                                         10.4
   4837
            8.5
                                -0.2
                                                                                         11.9
##
                   6.2
                           2.6
                                         0.9
                                               -0.4
                                                       0.7
                                                              2.8
                                                                     4.1
                                                                            7.9
                                                                                   9.7
   4838
            9.3
                   5.7
                           3.2
                                -0.2
                                               -0.4
                                                              3.3
                                                                                   8.9
                                                                                          9.9
##
                                         1.0
                                                       1.9
                                                                     4.5
                                                                            6.1
##
   4839
            9.7
                   4.9
                           2.8
                                  2.0
                                         0.1
                                                1.9
                                                       1.8
                                                              3.0
                                                                     3.6
                                                                            6.2
                                                                                   8.8
                                                                                         11.2
            8.7
                           3.6
                                                                     4.5
                                                                                         12.3
##
   4840
                   5.1
                                  2.6
                                         1.9
                                                3.1
                                                       1.6
                                                              2.5
                                                                            6.5
                                                                                  10.2
##
   4841
            9.9
                   7.1
                           2.6
                                  1.7
                                         3.5
                                                1.4
                                                       2.2
                                                              3.7
                                                                     5.3
                                                                            7.0
                                                                                   8.8
                                                                                         10.6
   4842
            8.7
                                       -0.7
                                                0.7
                                                                                   8.5
                                                                                         10.0
##
                   6.5
                           2.6
                                  1.4
                                                       2.5
                                                              3.2
                                                                     4.8
                                                                            6.6
##
   4843
            9.2
                   6.5
                           2.6
                                  1.7
                                         2.0
                                                1.1
                                                       0.6
                                                              3.2
                                                                     4.9
                                                                            8.6
                                                                                  11.2
                                                                                         10.1
##
   4844
            6.9
                   2.8
                           0.4
                                  1.0
                                         0.4
                                                2.1
                                                       1.5
                                                              4.2
                                                                     6.4
                                                                            9.6
                                                                                  10.3
                                                                                          9.3
   4845
            6.0
                   2.4
                           0.6
                                  1.0
                                         0.2
                                                3.8
                                                              7.7
                                                                     9.3
                                                                            9.9
                                                                                   9.5
                                                                                          6.2
##
                                                       5.4
            3.8
                   2.3
                          0.8
                                 2.5
                                                4.2
                                                       6.0
                                                                    11.5
                                                                          12.2
##
   4846
                                         3.1
                                                              8.6
                                                                                   9.1
                                                                                          5.9
            2.1
                   2.2
                                                3.2
                                                                    10.3
##
   4847
                           2.8
                                  0.6
                                         2.8
                                                       5.3
                                                              6.4
                                                                          10.5
                                                                                   9.4
                                                                                          5.8
                                                2.5
                                                                                          5.8
##
   4848
            3.8
                   1.3
                           0.1
                                -0.9
                                         1.9
                                                       4.9
                                                              7.0
                                                                     8.3
                                                                            9.2
                                                                                   8.7
##
   4849
            2.3
                   2.5
                           1.0
                                  1.7
                                         2.8
                                                4.3
                                                       5.1
                                                              7.3
                                                                    11.4
                                                                            8.9
                                                                                   6.0
                                                                                          4.2
   4850
            1.3
                   1.6
                           1.4
                                  1.2
                                         3.9
                                                5.2
                                                       6.7
                                                              8.3
                                                                     9.4
                                                                            9.3
                                                                                   5.5
                                                                                          4.9
##
##
   4851
            1.4
                   0.2
                         -1.0
                                  2.8
                                         4.1
                                                6.3
                                                      7.6
                                                            11.9
                                                                    11.1
                                                                            8.4
                                                                                   6.0
                                                                                          3.8
   4852
            1.6
                   2.4
                           0.0
                                  1.0
                                         2.3
                                                5.3
                                                       7.2
                                                              9.7
                                                                     9.5
                                                                            8.5
                                                                                   5.9
                                                                                          2.4
##
##
   4853
            2.9
                   2.2
                           0.7
                                  1.5
                                         2.6
                                                4.4
                                                       6.3
                                                              9.4
                                                                    12.6
                                                                            8.7
                                                                                   5.8
                                                                                          2.8
##
   4854
           -0.1
                   0.9
                           1.4
                                  0.8
                                         5.1
                                                7.1
                                                       8.7
                                                             10.5
                                                                     8.8
                                                                            7.0
                                                                                   5.3
                                                                                          3.0
##
   4855
           -0.8
                   3.8
                           6.3
                                  6.7
                                         8.6
                                                6.0
                                                       3.3
                                                              1.8
                                                                     0.7
                                                                            0.6
                                                                                   1.2
                                                                                          4.1
                                                2.0
##
   4856
            6.9
                   9.2
                         10.0
                                  8.5
                                         5.2
                                                       1.1
                                                            -0.4
                                                                    -0.1
                                                                            1.6
                                                                                   3.3
                                                                                          8.5
   4857
            9.5
                           5.9
                                         0.6
                                               -0.2
                                                       2.5
                                                              2.3
                                                                                          0.7
##
                   8.0
                                  4.4
                                                                     4.2
                                                                            9.6
                                                                                  10.0
   4858
           -0.9
                  -0.2
                           2.8
                                  3.3
                                         7.8
                                               10.8
                                                      8.2
                                                              5.7
                                                                     3.1
                                                                            1.3
                                                                                   0.5
##
                                                                                          0.4
                                                                    0.0
   4859
            0.4
                   3.9
                           5.7
                                 8.5
                                         8.8
                                               7.3
                                                       4.9
                                                                          -0.3
                                                                                  -0.6
##
                                                              1.7
                                                                                          0.1
##
   4860
            3.9
                   7.7
                           9.9
                                10.7
                                       10.1
                                                6.1
                                                       2.2
                                                              1.9
                                                                     0.6
                                                                          -0.8
                                                                                   1.3
                                                                                          4.9
   4861
            6.3
                   8.5
                         10.0
                                 8.8
                                         6.3
                                                3.7
                                                       1.8
                                                              0.6
                                                                     1.4
                                                                            1.2
                                                                                   4.6
                                                                                          8.9
##
   4862
            9.5
                  10.6
                           9.4
                                  6.0
                                         2.9
                                                2.0
                                                       0.9
                                                            -0.5
                                                                     1.7
                                                                            4.2
                                                                                   7.5
                                                                                          9.7
##
   4863
            9.8
                   8.7
                           4.8
                                  2.8
                                         2.0
                                              -0.5
                                                       0.9
                                                              5.2
                                                                     7.6
                                                                          10.6
                                                                                  11.4
                                                                                          9.9
##
   4864
            7.3
                   4.0
                                  2.0
                                         2.9
                                                4.3
                                                                                          6.7
##
                           1.8
                                                       5.3
                                                              6.8
                                                                     8.4
                                                                          10.1
                                                                                   8.2
   4865
            3.7
                   0.0
                         -1.2
                                 0.1
                                         1.0
                                                4.9
                                                       7.0
                                                              9.0
                                                                    11.6
                                                                            8.8
                                                                                   2.4
                                                                                          2.7
##
##
   4866
            0.8
                  -1.2
                           5.5
                                 8.1
                                       10.4
                                              10.7
                                                      7.3
                                                              3.9
                                                                     3.4
                                                                            1.9
                                                                                   5.2
                                                                                          7.3
                  10.1
                           9.2
                                               -0.8
                                                                    10.3
##
   4867
            9.8
                                  5.6
                                         1.8
                                                       1.3
                                                              2.8
                                                                          10.4
                                                                                   9.8
                                                                                          6.8
   4868
            2.2
                         -0.2
                                               7.0
##
                   0.3
                                  1.9
                                         5.0
                                                       9.4
                                                             10.1
                                                                     8.6
                                                                            5.8
                                                                                   2.9
                                                                                          0.8
           -0.2
   4869
                   0.0
                           0.0
                                  4.5
                                         7.1
                                                9.2
                                                       9.8
                                                              8.6
                                                                     6.4
                                                                                   0.0
                                                                                          2.1
##
                                                                            1.5
##
   4870
            1.8
                   5.2
                           6.8
                                 9.3
                                       10.3
                                                8.8
                                                       7.1
                                                              2.8
                                                                     1.3
                                                                            0.3
                                                                                  -0.4
                                                                                          1.6
            4.6
                                         7.7
                                                5.8
                                                                                   2.0
                                                                                          4.5
##
   4871
                   7.0
                         10.0
                                11.0
                                                       4.2
                                                              2.9
                                                                     1.4
                                                                           -1.1
##
   4872
            6.2
                   9.1
                         10.3
                                 8.2
                                         5.8
                                                0.2
                                                       1.2
                                                              0.1
                                                                     2.4
                                                                            5.2
                                                                                   6.9
                                                                                          9.5
                                                                            4.2
##
   4873
            9.4
                   8.6
                          5.0
                                  2.0
                                         1.0
                                               -0.4
                                                       1.2
                                                              1.2
                                                                     2.0
                                                                                   6.7
                                                                                          9.0
   4874
           10.2
                   8.4
                           5.0
                                  2.4
                                       -1.4
                                               0.5
                                                       2.5
                                                            -0.6
                                                                     2.2
                                                                            3.6
                                                                                   2.5
                                                                                          7.9
##
##
   4875
           -1.3
                   7.8
                           5.6
                                  8.0
                                         5.5
                                               11.1
                                                      10.4
                                                              3.6
                                                                     1.1
                                                                          -0.6
                                                                                  -0.4
                                                                                          3.0
## 4876
            5.7
                  10.4
                         10.1
                                  7.5
                                         3.0
                                                3.0
                                                       2.2
                                                              3.2
                                                                     5.3
                                                                          10.4
                                                                                  10.6
                                                                                          3.2
## 4877
            0.8
                   7.3
                           9.7
                                  8.7
                                         3.9
                                                2.3
                                                       3.8
                                                              5.1
                                                                     7.4
                                                                            9.9
                                                                                  10.5
                                                                                          9.7
```

```
1.2 20.7
                                          28.7 22.3
## 4878
           6.3
                  3.3
                        4.7
                                                        9.5 13.8
                                                                   19.4
                                                                                 26.9
## 4879
          29.8
                27.5
                       25.8
                             22.1
                                    16.9
                                          11.3
                                                 20.2
                                                       26.8
                                                              29.5
                                                                    27.8
                                                                           24.9
                                                                                 19.9
                              28.9
## 4880
          17.1
                  7.7
                       18.2
                                    30.0
                                          19.5
                                                 12.7
                                                        9.6
                                                             11.9
                                                                    19.6
                                                                           23.3
                        9.9
                             19.2
                                   23.3
                                                 29.3
## 4881
          30.4
                 11.5
                                          27.1
                                                       30.3
                                                              19.9
                                                                    16.5
                                                                           10.6
                                                                                 10.0
##
  4882
           7.9
                 19.0
                       22.3
                             26.6
                                    27.0
                                          27.7
                                                 26.2
                                                       21.8
                                                              14.9
                                                                    16.9
                                                                            8.6
                                                                                 -8.8
  4883
          -8.4
                  0.9
                      11.1 17.7
                                   22.9
                                          21.4
                                                 23.2
                                                       18.5
                                                              13.0
                                                                      1.0
                                                                                 -3.7
##
                                                                            0.3
          -7.6
                       13.1
                             17.8
                                   22.2
                                          23.5
                                                 22.1
                                                       21.6
                                                             13.2
                                                                      7.7
  4884
                  4.4
                                                                            4.1
                                                                                 -3.6
           0.2
                             16.9
                                    24.1
                                          23.6
                                                 23.6
                                                                           -2.4
                                                                                 -1.4
## 4885
                  7.7
                       12.0
                                                       21.1
                                                              15.2
                                                                     8.7
                                    23.3
##
  4886
           4.6
                  5.9
                       13.4
                             16.7
                                          24.8
                                                 21.2
                                                       20.3
                                                              14.0
                                                                      4.8
                                                                           -2.1
                                                                                 -4.5
          -2.0
                             21.7
                                    24.3
                                          24.0
                                                                                 -5.6
##
  4887
                  3.4
                        7.1
                                                 23.9
                                                       20.4
                                                              11.6
                                                                      1.1
                                                                            0.5
          -3.8
  4888
                  2.9
                       11.3
                             16.3
                                    22.3
                                          26.0
                                                 23.0
                                                       22.4
                                                              10.7
                                                                      2.4
                                                                            1.5
                                                                                 -1.9
## 4889
          -1.0
                  6.7
                       10.1
                             16.0
                                    23.4
                                          25.4
                                                 22.8
                                                       18.2
                                                              10.0
                                                                     8.0
                                                                           -0.4
                                                                                 -2.1
                       23.1
##
   4890
          12.4
                  2.7
                             18.3
                                    11.6
                                           8.3
                                                  2.6
                                                        1.3
                                                               0.6
                                                                      6.3
                                                                           15.1
                                                                                 18.8
   4891
          22.9
                 22.6
                       18.6
                             11.5
                                           0.7
                                                        2.1
                                                               4.9
                                                                    12.9
                                                                                 24.2
##
                                     4.6
                                                  1.4
                                                                           18.9
   4892
          24.9
                 20.5
                       13.4
                               6.2
                                    -4.8
                                          -0.8
                                                  4.3
                                                       16.8
                                                              23.2
                                                                    22.4
                                                                           17.2
                                                                                  9.4
##
##
   4893
           5.9
                  2.5
                       -1.9
                              0.8
                                     7.2
                                           17.1
                                                 21.5
                                                       15.6
                                                              -0.8
                                                                      1.0
                                                                            6.6
                                                                                 10.5
  4894
          15.6
                20.5
                       23.8
                             21.7
                                    17.6
                                          11.2
                                                  3.8
                                                        2.4
                                                               2.5
                                                                      6.7
##
                                                                            9.1
                                                                                 13.3
##
   4895
          19.2
                23.4
                       24.5
                              18.5
                                    13.2
                                           7.9
                                                  2.7
                                                        0.7
                                                               4.5
                                                                     5.1
                                                                           12.1
                                                                                 19.6
  4896
          11.7
                  5.8
                       -0.1
                              1.2
                                     8.4
                                          20.3
                                                 23.5
                                                       21.7
                                                              19.3
                                                                    -0.3
                                                                            2.8
                                                                                  2.6
##
## 4897
           4.5
                  9.5
                       18.5
                              22.0
                                    25.0
                                          22.4
                                                 21.9
                                                       12.9
                                                               8.1
                                                                     1.7
                                                                            3.5
                                                                                  6.5
                                                                    12.4
                                                                           18.9
## 4898
           6.6
                15.1
                       20.8
                             22.8
                                    17.7
                                          12.8
                                                  9.6
                                                        3.2
                                                               7.0
                                                                                 21.2
## 4899
          21.1
                 12.8
                        2.7
                               0.7
                                    -0.6
                                           2.5
                                                 13.6
                                                       11.1
                                                              21.8
                                                                    26.2
                                                                           23.5
## 4900
          13.7
                  8.4
                        2.8
                               2.2
                                     2.5
                                            5.5
                                                 13.8
                                                       17.5
                                                              24.2
                                                                    24.9
                                                                           24.1
                                                                                 19.0
## 4901
          10.1
                  6.3
                        1.2
                               4.3
                                           6.8
                                                 12.2
                                                       17.1
                                                              18.9
                                                                    24.9
                                                                           21.6
                                                                                 18.4
                                     1.3
                               2.7
          15.4
                        4.0
                                                 10.4
                                                              20.6
                                                                           20.6
                                                                                 18.6
## 4902
                  6.8
                                     1.8
                                           9.7
                                                       18.8
                                                                    22.0
## 4903
          12.8
                  4.7
                        3.5
                               3.0
                                     3.9
                                            5.5
                                                 11.0
                                                       15.8
                                                              21.1
                                                                    24.5
                                                                           22.5
## 4904
          13.7
                  8.7
                        2.3
                               5.1
                                     3.3
                                            6.7
                                                 14.3
                                                       18.5
                                                              24.0
                                                                    24.5
                                                                           22.5
                                                                                 16.3
## 4905
          12.1
                  7.7
                        1.6
                              -2.2
                                           9.8
                                                  9.7
                                                              20.5
                                     3.1
                                                       16.0
                                                                    24.1
                                                                           25.7
                                                                                 20.8
## 4906
          15.0
                                           6.9
                  8.0
                        1.0
                               1.5
                                     3.4
                                                 11.1
                                                       17.3
                                                              23.1
                                                                    24.3
                                                                           23.0
                                                                                 18.9
## 4907
          13.7
                  8.6
                        2.6
                               3.8
                                     6.3
                                           8.3
                                                 11.4
                                                       17.4
                                                              22.7
                                                                    24.7
                                                                           23.9
                                                                                 18.9
## 4908
          10.5
                  9.4
                       -0.5
                               2.8
                                    -0.5
                                           7.3
                                                 12.7
                                                       15.9
                                                              23.9
                                                                    25.5
                                                                           25.5
                                                                                 22.9
## 4909
          15.6
                  7.3
                        5.1
                               1.4
                                     8.9
                                          12.8
                                                 16.2
                                                       24.4
                                                              27.1
                                                                    26.2
                                                                           19.6
                                                                                 13.8
                        4.3
                                          15.0
## 4910
           7.6
                 -1.0
                               2.5
                                    10.7
                                                 18.7
                                                       24.7
                                                              26.1
                                                                    24.4
                                                                           19.7
                                                                                 12.9
                                                                           20.5
## 4911
           9.7
                  3.1
                               2.6
                                     7.4
                                           9.2
                                                 17.1
                                                       24.4
                                                              24.1
                                                                    23.9
                        1.1
                                                                                 11.9
## 4912
           5.5
                  1.5
                        1.9
                               2.8
                                     7.2
                                          11.6
                                                 17.6
                                                       22.5
                                                              24.2
                                                                    24.1
                                                                           19.3
                                                                                 14.6
## 4913
           5.4
                  2.3
                        2.0
                              3.5
                                     8.9
                                          12.4
                                                 14.3
                                                       22.4
                                                              23.5
                                                                    22.8
                                                                           21.4
                                                                                 14.1
## 4914
           6.0
                  2.4
                        2.4
                               6.1
                                     8.9
                                          11.6
                                                 15.2
                                                       22.8
                                                              26.0
                                                                    21.5
                                                                          19.6
## 4915
           8.9
                  1.5
                        2.0
                               7.7
                                    10.7
                                          11.5
                                                 14.5
                                                       22.0
                                                              24.0
                                                                    20.1
                                                                          18.4
                                                                                 12.5
## 4916
           9.1
                  2.4
                        2.8
                               2.7
                                     8.2
                                          10.0
                                                 19.4
                                                       23.3
                                                              23.3
                                                                    22.2
                                                                           19.0
                                                                                 10.9
                                                              24.9
## 4917
           4.4
                  1.6
                        2.8
                               1.9
                                     5.2
                                          11.9
                                                 13.8
                                                       20.9
                                                                    24.2
                                                                           22.5
                                                                                  9.3
                                          11.3
## 4918
           5.3
                  3.6
                        2.8
                              1.8
                                     9.1
                                                 17.8
                                                       23.5
                                                              24.2
                                                                    24.2
                                                                           18.6
                                                                                 11.9
                                                                    23.9
## 4919
           8.2
                  2.3
                        1.8
                              -1.1
                                     6.7
                                          10.2
                                                 15.4
                                                       23.0
                                                              23.6
                                                                           21.4
                                                                                 13.9
           9.5
                  6.7
                        1.8
                                          24.0
                                                 27.7
## 4920
                             10.4
                                    15.1
                                                       26.1
                                                              22.3
                                                                    19.0
                                                                           14.2
                                                                                  5.7
## 4921
           7.0
                16.5
                             24.5
                                    26.0
                                          26.4
                                                 22.7
                       20.1
                                                       19.0
                                                               9.8
                                                                    11.8
                                                                            4.6
                                                                                  2.4
## 4922
           7.6
                17.3
                       12.9
                                    -3.1
                                          -7.0
                                                 -7.7
                               4.6
                                                       -1.4
                                                               1.1
                                                                      6.8
                                                                          11.7
                                                                                 15.8
           9.1
                  5.1
                             -7.0
                                    -9.2
                                          -6.2
                                                  4.8
                                                        9.0
                                                              17.0
## 4923
                       -0.5
                                                                     9.0
                                                                            3.7
                                                                                 -8.8
                                           9.4
                                                 13.5
## 4924
         -11.0 -10.9
                       -9.9
                             -0.6
                                     3.3
                                                       17.8
                                                              12.1
                                                                     4.2
                                                                          -2.0 -14.3
## 4925
         -13.5 -11.7
                       -4.9
                             13.4
                                    13.9
                                          11.0
                                                  1.6
                                                       -4.8
                                                             -9.2
                                                                   -6.7 - 11.3
                                                                                 -1.1
## 4926
           3.5
                 7.7
                       12.6
                             19.3
                                    10.3
                                           6.4 -10.6 -10.3 -16.2 -13.0
                                                                          -2.8
                                                                                  3.8
                             14.3
                                                       -7.4 -11.4 -13.7
## 4927
           5.5 12.3
                       13.9
                                     9.7
                                           4.7
                                                 -3.3
                                                                           -3.7
                                                                                  3.2
## 4928
                11.2
                        9.7 -12.1
                                    15.4
                                          19.6
                                                  9.7
                                                        3.4
                                                              -4.6
                                                                    -5.5
                                                                            3.7
                                                                                  9.0
           8.1
                                                               9.2
## 4929
         -16.2 -10.5 12.6
                            18.7
                                    16.7
                                          -1.0
                                                 -7.7
                                                        2.8
                                                                    16.4 -11.3
                                                                                  5.1
                                           8.8
## 4930
          -4.8 -10.8 -13.3
                             17.0
                                   -5.9
                                                 14.8
                                                       12.3
                                                               4.1
                                                                    -1.5
                                                                          -9.3
                                                                                 15.5
          18.7 17.1 16.7 10.1
                                          -7.7
## 4931
                                     4.3
                                                  3.6
                                                        6.7 16.3 12.3
                                                                           7.1
                                                                                 -5.9
```

```
4.0 -1.6 -12.1 -15.8 -7.6
        -10.3 17.2 15.4 11.1
                                                                  2.4
                                                                        8.3
## 4933
          18.5
               15.4 10.2
                             2.1
                                  -5.7
                                        -6.1
                                              -6.9
                                                      3.4
                                                            9.9
                                                                 14.4 18.5
## 4934
           3.1
                -4.8 -11.7 -11.9
                                   3.6
                                        12.2
                                               17.1
                                                     16.5
                                                            9.7
                                                                 -1.1 -14.5 -12.7
                           12.5
                                                     -4.4
                                                          -9.7
## 4935
        -12.5
                1.4
                       8.5
                                  17.0
                                        16.4
                                               11.0
                                                                 -9.6
                                                                       -9.2
## 4936
           8.1
                17.2 19.6
                            16.0
                                  11.1
                                          4.1
                                               -0.9
                                                     -7.8 -12.0
                                                                 -7.3
                                                                       21.5
## 4937
           8.2
                -7.2 20.6
                           -8.0
                                  -1.4
                                        10.4
                                               14.0
                                                    19.2
                                                           23.4
                                                                 22.6
                                                                       19.0
                                                                              9.5
               -5.6 -8.1
                            -8.0
                                  -0.3
                                          8.1
                                               16.3
                                                     21.9
                                                           24.1
                                                                 22.5
## 4938
           3.6
                                                                       14.3
           2.8
                                                                 18.7
                                  -3.4
                                               14.1
                                                     19.6
                                                           20.1
## 4939
               -5.1 -10.1
                            -8.2
                                          3.6
                                                                       15.8
                                                                             12.5
                -9.9 -11.1
                                  -3.5
## 4940
          -0.9
                            -7.0
                                          5.7
                                               17.1
                                                     18.5
                                                           22.1
                                                                 19.7
                                                                       14.6
                                                                              10.4
          -2.9
               -6.6 -8.5
                            -3.2
                                  -1.7
                                          9.6
                                                           23.5
## 4941
                                               14.6
                                                     21.2
                                                                 20.6
                                                                       17.0
                                                                              7.0
## 4942
           3.3
                -3.8
                     -6.1
                            16.6
                                  17.3
                                        24.1
                                               26.1
                                                     28.8
                                                           28.4
                                                                 26.9
                                                                       23.5
                      25.6
                            26.9
                                  27.6
## 4943
          15.5
                19.6
                                        28.1
                                               26.5
                                                     23.6
                                                           18.1
                                                                 17.6
                                                                       15.5
                                                                              24.2
## 4944
          27.7
                28.8
                      26.8
                            25.3
                                  19.3
                                        16.3
                                               18.9
                                                     21.8
                                                           25.4
                                                                 26.9
                                                                       27.0
                                                                              26.6
## 4945
          17.6
               15.2
                      15.7
                            21.7
                                  25.1
                                        27.6
                                               27.6
                                                           26.9
                                                                       12.4
                                                     27.8
                                                                 24.7
## 4946
          21.5
                25.6
                      27.8
                            28.2
                                  26.7
                                        23.4
                                               19.0
                                                     14.7
                                                           17.9
                                                                 23.9
                                                                       25.2
                                                                              26.7
## 4947
          27.9
                27.2
                      22.6
                            20.1
                                  16.2
                                        23.1
                                               25.6
                                                     25.9
                                                           27.9
                                                                 26.2
                                                                       23.8
                                                                              18.0
## 4948
          18.9
               18.4
                      22.7
                            23.2
                                  26.4
                                        21.0
                                               14.3
                                                     22.6
                                                           24.8
                                                                 26.6
                                                                       27.3
                                                                             27.9
## 4949
          26.4
               24.2
                     17.3
                            16.2
                                  14.8
                                        24.7
                                               25.4
                                                     27.5
                                                           27.5
                                                                 26.9
                                                                       24.0
          14.3
                                                                       23.6
## 4950
               17.0
                      23.6
                            25.8
                                  28.0
                                        28.7
                                               27.7
                                                     27.0
                                                           23.7
                                                                 18.1
                                                                             26.2
## 4951
          27.7
                28.0
                      24.4
                            20.3
                                  14.6
                                        21.8
                                               27.3
                                                     27.6
                                                           27.8
                                                                 20.3
                                                                       15.6
                                                                             23.1
                                 27.6
                                                     24.2
## 4952
          26.2
               27.8
                      28.0 27.9
                                        17.3
                                               19.0
                                                           24.8
                                                                 27.8
                                                                       28.4
                                                                             28.6
## 4953
          27.6
                26.3
                      23.1
                            16.2 16.8
                                        12.9
                                               -2.8
                                                     19.5
                                                           20.4
                                                                 -4.8
                                                                       11.5
## 4954
           5.7
                 1.2 11.5
                            15.8
                                  23.8
                                        22.4
                                               19.2
                                                     13.3
                                                            7.0
                                                                 -3.0
                                                                       10.6
                                                                              16.0
          24.5
                19.7
                       4.5
                            22.9
                                   9.0
                                         0.6
                                               -3.6
                                                     10.9
                                                           21.3
                                                                 23.9
                                                                       21.5
## 4955
           0.1
                 9.6
                     15.5
                            25.3
                                  24.8
                                        23.6
                                                5.9
                                                           -1.6
                                                                 -9.9
## 4956
                                                     -1.1
                                                                       10.1
                                                                             15.6
## 4957
          23.8
               23.7
                      23.9
                            20.0
                                  12.4
                                          6.1
                                                1.0
                                                     -3.8
                                                           23.5
                                                                 26.2
                                                                       27.7
## 4958
          24.7
                20.7
                      16.6
                            13.2
                                  12.7
                                        12.2
                                               16.0
                                                     19.5
                                                           24.6
                                                                 27.1
                                                                       27.2
                                                                             27.5
                      13.4
                            11.1
                                        16.2
                                               17.6
                                                           23.9
## 4959
          24.5
                18.8
                                  10.8
                                                     19.8
                                                                 28.3
                                                                       26.2
                                                                              26.8
                       6.4
## 4960
          26.0
                19.7
                             9.8
                                  18.2
                                        22.6
                                               26.2
                                                     26.9
                                                           26.1
                                                                 25.2
                                                                       17.5
                                                                             15.4
## 4961
          10.4
                 6.7
                       7.3
                            13.6
                                  23.1
                                        25.9
                                               26.2
                                                     26.1
                                                           25.7
                                                                 19.6
                                                                       17.0
                                                                             12.1
## 4962
           7.5
                 9.4
                      14.7
                            22.5
                                  25.0
                                        26.2
                                               25.6
                                                     24.5
                                                           18.8
                                                                 14.5
                                                                       10.5
                                                                              11.1
## 4963
           9.9
                16.1
                      23.0
                            26.1
                                  27.9
                                        27.5
                                               26.7
                                                     19.2
                                                           14.6
                                                                 10.0
                                                                        6.9
                                                                              12.7
                                  25.9
## 4964
          14.3
                22.0
                      27.2
                            27.2
                                        23.8
                                               19.9
                                                     14.1
                                                           10.0
                                                                 10.5
                                                                       14.0
          23.3
                                                                       14.3
## 4965
                26.4
                      26.2
                            26.7
                                  24.3
                                        20.6
                                               17.7
                                                     14.9
                                                            9.1
                                                                 11.7
                                                                             22.5
## 4966
          25.2
                27.6
                      27.2
                            23.7
                                  20.9
                                        14.4
                                               10.4
                                                      9.3
                                                           11.7
                                                                 15.0
                                                                       23.1
                                                                              25.6
                                                                              26.1
## 4967
          25.5
               26.5
                      24.9
                            22.5
                                  13.9
                                        16.3
                                                7.9
                                                     13.3
                                                           17.9
                                                                 23.7
                                                                       26.4
## 4968
          26.2
               24.6
                     22.9
                            18.9
                                   8.9
                                         9.4
                                               13.6
                                                     14.8
                                                           17.8
                                                                 23.2
                                                                       27.2
## 4969
          26.7
                26.7
                      21.1
                            19.4 12.8
                                          9.4
                                               11.7
                                                     15.0
                                                           16.7
                                                                 23.8
                                                                       26.0
                                                                              27.8
## 4970
          28.0
                24.9
                      16.7
                            16.1
                                  13.1
                                         8.0
                                                9.8
                                                     14.4
                                                           19.1
                                                                 21.2
                                                                       25.7
                                                                              26.9
               26.2
                            16.6
                                        14.6
## 4971
          27.4
                      18.1
                                  10.6
                                               13.5
                                                     17.2
                                                           18.3
                                                                 22.6
                                                                       26.3
                                                                             27.3
                25.3
                      20.0
                            15.3
                                   7.5
                                        13.2
                                               16.2
                                                     17.4
                                                           18.9
                                                                       27.4
## 4972
          27.5
                                                                 23.8
## 4973
          28.4
               26.2
                      21.7
                            16.1
                                  14.8
                                        12.5
                                               13.7
                                                     16.8
                                                           21.9
                                                                 25.4
                                                                       26.6
                                                                             27.9
                            13.4
                                  13.2
                                        10.3
## 4974
          27.6
                26.5
                      20.8
                                               13.4
                                                     15.2
                                                           18.0
                                                                 22.0
                                                                       26.4
                                                                              28.1
                25.8
                     19.0
                           16.5
                                        14.5
                                               11.9
## 4975
          26.7
                                  13.1
                                                     15.3
                                                           16.8
                                                                 23.1
                                                                       27.1
                                                                              28.5
                            15.2
## 4976
          28.6
                26.4
                      20.6
                                  10.0
                                         9.7
                                               14.6
                                                     16.6
                                                           20.8
                                                                 23.2
                                                                       26.8
                                               12.8
                                                     15.3
## 4977
          26.9
                24.9
                      20.4
                            18.4
                                  13.6
                                        10.4
                                                           19.6
                                                                 24.5
                                                                       26.0
                                                                              28.6
## 4978
          28.6
                26.1
                      21.7
                            13.3
                                  10.3
                                        10.4
                                               12.8
                                                     13.3
                                                           16.9
                                                                 24.4
                                                                       26.3
                                                                              27.9
          26.7
                25.1
                                                                       25.0
                                                                             27.6
## 4979
                      19.3
                            15.0
                                  12.2
                                        12.1
                                               14.2
                                                     19.2
                                                           18.4
                                                                 21.8
## 4980
          27.1
                26.5
                      20.6
                            14.0
                                  10.9
                                        12.3
                                               12.5
                                                     13.7
                                                           18.8
                                                                 25.4
                                                                       29.6
                                                                             29.0
                26.2
                      21.9
                                                           21.1
## 4981
          28.3
                            18.3
                                  14.7
                                        11.7
                                               13.4
                                                     14.2
                                                                 23.2
                                                                       26.6
                                                                              28.1
## 4982
          29.0
                25.5
                      21.4
                            15.3
                                  11.0
                                        11.0
                                               13.5
                                                     17.9
                                                           18.2
                                                                 25.2
                                                                       27.6
                                                                              29.2
          28.4 25.1 18.8 14.3
## 4983
                                   9.3
                                         8.6
                                               15.4
                                                     14.8
                                                           19.4
                                                                 22.9
                                                                       26.2
                                                                             27.7
## 4984
          26.9
               24.1 19.3 17.4 14.1 11.7
                                               11.0
                                                     15.9
                                                           22.3
                                                                 24.0
                                                                       26.9
                                                                             27.8
          27.4 27.1 23.2 13.8 10.2
                                         7.9 12.6 18.1 19.0 24.3
## 4985
                                                                       26.2
                                                                             26.7
```

```
8.9 10.2 10.9 16.5 17.8
## 4986
          27.1 24.9
                       20.8 17.1
                                                                    24.2
                                                                           27.0
                                                                                 27.8
## 4987
          27.5
                 25.9
                       22.3
                             16.9
                                    10.0
                                          12.6
                                                 13.2
                                                       14.7
                                                              16.8
                                                                    22.5
                                                                           26.7
                                                                                 28.3
          28.3
                 27.2
                              17.3
                                                              21.4
                                                                           26.5
## 4988
                       21.8
                                    10.8
                                          13.7
                                                 12.0
                                                       16.2
                                                                    23.4
                                                                                 28.1
  4989
                                    13.9
##
          28.7
                 24.7
                       19.7
                              14.6
                                          12.2
                                                 10.8
                                                       16.8
                                                              17.9
                                                                    23.5
                                                                           27.1
                                                                                 28.6
## 4990
          29.4
                 27.1
                       22.9
                              14.5
                                    14.5
                                          10.6
                                                 13.1
                                                       14.7
                                                              19.4
                                                                    24.2
                                                                           27.3
                                                                                 27.8
## 4991
          27.4
                26.0
                       19.7
                             13.0
                                   13.6
                                          11.1
                                                 10.5
                                                       16.3
                                                              19.3
                                                                    24.1
                                                                           28.5
                                                                                 27.4
## 4992
                 26.3
                       22.3
                             15.1
                                    12.2
                                            8.3
                                                  8.1
                                                       13.2
                                                              19.8
                                                                    25.5
          27.1
                                                                           28.8
          29.0
                                                                    23.8
                 27.2
                       20.3
                             15.0
                                     7.0
                                                 13.1
                                                       17.4
## 4993
                                            8.1
                                                              20.8
                                                                           29.2
                                                                                 28.6
##
  4994
          29.5
                 25.6
                       19.0
                             16.1
                                    13.9
                                          12.6
                                                 14.9
                                                       20.6
                                                              21.0
                                                                    25.5
                                                                           26.6
                                                                                 28.3
                 26.0
                       21.3
                              14.5
                                          15.3
                                                 13.4
                                                              20.0
                                                                    22.7
                                                                                 27.2
##
  4995
          27.4
                                    13.8
                                                       13.0
                                                                           27.8
  4996
          28.1
                 26.9
                       21.9
                              16.7
                                    15.0
                                           9.0
                                                 13.9
                                                       15.3
                                                              19.9
                                                                    24.1
                                                                           27.9
                                                              22.8
                                                                           27.1
## 4997
          29.2
                 26.5
                       20.6
                             12.4
                                    14.0
                                          11.4
                                                 10.5
                                                       18.7
                                                                    25.4
                                                                                 28.7
##
  4998
          28.1
                 25.9
                       22.2
                             20.1
                                    18.0
                                          10.6
                                                 12.7
                                                       18.6
                                                              20.7
                                                                    24.5
                                                                           27.8
                                                                                 28.5
  4999
          28.3
                 26.9
                       22.7
                             17.4
                                    15.5
                                          14.1
                                                 16.5
                                                       17.3
                                                              21.1
                                                                    23.9
                                                                           25.6
##
                                                                                 27.2
## 5000
          27.4
                 25.3
                       22.2
                             16.3
                                    12.9
                                           8.9
                                                 17.8
                                                       15.2
                                                              19.0
                                                                    24.5
                                                                           27.0
                                                                                 27.1
## 5001
          26.6
                 27.1
                       23.0
                             14.9
                                    13.2
                                          11.4
                                                 17.5
                                                       16.2
                                                              19.5
                                                                    26.0
                                                                           27.8
                                                                                 28.3
## 5002
          28.7
                 28.6
                       24.1
                             14.7
                                    14.4
                                          13.8
                                                 14.0
                                                       20.7
                                                              20.6
                                                                    23.9
                                                                           26.9
                                                                                 28.4
## 5003
          28.1
                 26.1
                       23.6
                             19.2
                                    10.7
                                          11.4
                                                 13.7
                                                       17.7
                                                              18.6
                                                                    23.3
                                                                           27.1
                                                                                 27.8
          28.0
## 5004
                 25.8
                       22.0
                             14.0
                                    16.3
                                          10.4
                                                 13.7
                                                         0.1
                                                              13.8
                                                                     2.8
                                                                            3.9
                                                                                 13.3
## 5005
          16.7
                 21.6
                       23.2
                              22.9
                                    19.8
                                          15.9
                                                  7.0
                                                         8.5
                                                               1.6
                                                                      3.2
                                                                            0.3
                                                                                  3.9
                14.4
## 5006
          13.4
                       19.8
                             23.8
                                    22.6
                                          20.5
                                                 12.1
                                                         9.5
                                                               5.5
                                                                      2.3
                                                                           -2.7
                                                                                  5.9
## 5007
           7.9
                19.2
                       23.2
                              25.4
                                    21.9
                                          19.1
                                                 15.9
                                                         6.7
                                                               2.0
                                                                      3.0
                                                                            1.3
                                                                                   5.9
                       21.5
                                                                    -1.8
## 5008
          12.3
                13.3
                             26.6
                                    23.8
                                          21.3
                                                 13.9
                                                         6.7
                                                               3.2
                                                                                   5.4
                                                                            1.2
          10.0
                 14.4
                       20.1
                              23.6
                                    25.4
                                          20.0
                                                 11.9
                                                       11.1
                                                               2.1
                                                                    -0.7
                                                                                  8.9
## 5009
                                                                            1.0
               19.0
                       22.2
                              28.2
                                    25.9
                                          20.0
                                                              -0.2
                                                                                   5.5
## 5010
          14.5
                                                 13.1
                                                         7.4
                                                                      0.0
                                                                            0.6
## 5011
          11.7
                 15.7
                       20.4
                              26.9
                                    24.4
                                          19.9
                                                 13.4
                                                         9.7
                                                               6.3
                                                                      2.8
                                                                            5.2
                                                                                 10.4
## 5012
          11.5
                 18.8
                       22.7
                              26.9
                                    23.4
                                          21.5
                                                 15.6
                                                         7.2
                                                               5.1
                                                                      2.2
                                                                            1.4
                                                                                  4.7
                 17.5
                       23.4
                              27.3
                                    21.6
                                          20.1
                                                 13.8
                                                         7.5
                                                               3.5
## 5013
           9.4
                                                                    -1.8
                                                                           -1.4
                                                                                   2.9
                17.5
                       22.5
                             25.0
                                          19.2
                                                               4.8
## 5014
           8.6
                                    21.4
                                                 15.7
                                                         6.5
                                                                    -1.5
                                                                           -5.6
                                                                                   3.1
## 5015
           9.4
                16.4
                       19.5
                              24.0
                                    24.0
                                          20.9
                                                 12.6
                                                       11.9
                                                              10.2
                                                                      0.9
                                                                            2.0
                                                                                   9.1
## 5016
           9.1
                 14.6
                       22.8
                              26.8
                                    24.4
                                          23.1
                                                 13.2
                                                         8.1
                                                               4.7
                                                                      2.0
                                                                            3.3
                                                                                   4.8
## 5017
          13.9
                 17.1
                       20.0
                              23.5
                                    24.0
                                          20.7
                                                 17.3
                                                         8.4
                                                               2.4
                                                                    -0.3
                                                                            3.9
                                                                                   4.7
                       19.8
                              23.8
                                    24.6
                                          20.5
## 5018
           7.5
                 16.2
                                                 15.3
                                                         7.7
                                                               4.7
                                                                      0.7
                                                                            0.8
                                                                                   5.1
## 5019
          12.3
                 16.7
                       22.7
                              24.7
                                    22.6
                                          19.1
                                                 16.0
                                                         7.0
                                                               3.8
                                                                      3.2
                                                                            3.7
                                                                                   9.0
## 5020
           8.8
                 14.3
                       21.3
                              28.3
                                    26.5
                                          19.7
                                                 14.3
                                                       10.4
                                                               3.9
                                                                     0.9
                                                                            0.9
                                                                                  7.4
## 5021
          10.4
                 15.3
                       21.2
                             23.3
                                    23.9
                                          20.5
                                                 16.2
                                                         7.2
                                                               5.7
                                                                    -1.1
                                                                           20.0
                                                                                 16.4
## 5022
          10.0
                  7.5
                        1.0
                               6.2
                                    20.2
                                          19.6
                                                 15.9
                                                       12.0
                                                               3.7
                                                                    -2.9
                                                                           19.6
                                                                                 21.5
## 5023
           8.4
                  1.7
                        1.1
                               3.9
                                    20.3
                                          22.7
                                                 -6.3
                                                       -2.7
                                                              20.4
                                                                    17.2
                                                                            6.5
                                                                                 -2.5
## 5024
          -0.8
                  0.5
                       20.9
                              22.1
                                    11.4
                                            6.2
                                                 -1.3
                                                         3.3
                                                              18.7
                                                                    22.2
                                                                           21.3
                                                                                   6.7
                               4.4
                                    -1.0
## 5025
          19.7
                 20.4
                       17.7
                                          -2.1
                                                 11.1
                                                       13.2
                                                              21.7
                                                                    17.3
                                                                           -5.6
                                                                                 18.7
## 5026
          19.4
                 16.4
                        9.8
                              -3.3
                                    12.2
                                          21.3
                                                 17.9
                                                       11.7
                                                              -4.5
                                                                    -0.2
                                                                           10.7
## 5027
          25.0
                  1.7
                       10.3
                             15.7
                                    20.5
                                          19.6
                                                 16.9
                                                         3.4
                                                              -7.1
                                                                    18.4
                                                                           20.0
                                                                                 20.6
                       22.8
                             19.3
                                     5.5
                                          19.8
                                                 20.7
                                                       22.8
                                                                    17.3
## 5028
           8.8
                 14.5
                                                              20.1
                                                                            3.6
                                                                                  1.2
## 5029
           2.4
                  8.2
                       17.1
                              12.0
                                     0.8
                                          -0.7
                                                 -2.1
                                                       10.7
                                                              14.9
                                                                    21.5
                                                                           22.3
                                                                                 22.7
## 5030
                        4.7
                               4.3
                                    -3.9
                                           -3.6
                                                  0.3
                                                              17.5
                                                                    25.5
          18.4
                 14.7
                                                       14.1
                                                                           24.8
                                                                                 21.5
          12.0
                  4.7
                       -2.2
                                    -6.0
                                            2.4
                                                              25.6
## 5031
                             -8.4
                                                 11.4
                                                       18.9
                                                                    23.6
                                                                           16.3
                                                                                  7.7
                                          16.6
## 5032
          -1.0
                 -7.0
                       -3.1
                               1.4
                                     8.0
                                                 22.3
                                                       21.8
                                                              21.0
                                                                    18.0
                                                                           14.8
                                                                                   1.9
## 5033
          -4.0
                 -5.6
                       -1.9
                             -0.7
                                    17.4
                                          19.1
                                                 23.7
                                                              16.4
                                                       23.7
                                                                    11.9
                                                                            1.1
                                                                                 -5.4
                                                                            4.5
## 5034
          -4.7
                  1.8
                        1.4
                             10.5
                                    17.2
                                          26.0
                                                 25.5
                                                       22.6
                                                              19.9
                                                                    10.5
                                                                                 -2.5
          -3.3
                               8.3
                                          25.1
                                                 25.5
                                                              20.2
## 5035
                  0.7
                        5.1
                                    16.5
                                                       24.6
                                                                    15.6
                                                                            6.0
                                                                                 -0.3
                             13.1
## 5036
          -6.7
                  4.5
                        1.8
                                    14.8
                                          24.4
                                                 27.9
                                                       21.2
                                                              12.3
                                                                     7.3
                                                                           -0.3
                                                                                 -4.1
          -5.8
                                          28.4
## 5037
                  2.4
                       15.7
                              19.4
                                    20.6
                                                 26.8
                                                       21.2
                                                              12.5
                                                                      0.3
                                                                           -4.9
                                                                                 -5.9
## 5038
          -3.4
                  3.0
                        9.4
                             18.7
                                    25.1
                                          24.4
                                                 24.4
                                                       19.2
                                                              15.9
                                                                      3.6
                                                                           -0.5
                                                                                 -8.1
## 5039
                             16.7 21.9
                                          27.3 24.9
          -0.2
                  3.2 10.7
                                                       10.9
                                                               2.8
                                                                      1.3
                                                                           -3.2
                                                                                 -6.1
```

```
## 5040
           1.9 10.7 18.7 21.1
                                    22.6
                                          24.2
                                                 19.9 -3.2 -7.7 -4.2
                                                                           3.8
                                                                                 10.4
## 5041
          17.3
                26.0
                       10.2
                              0.6
                                     1.6
                                          -6.2
                                                 -6.8
                                                       -4.8
                                                             12.0
                                                                    16.9
                                                                          21.4
                                                                                 24.2
                                                                          21.4
## 5042
          23.9
                19.9
                       13.3
                               4.8
                                   -2.1
                                          -4.6
                                                 -0.6
                                                        4.1
                                                               8.5
                                                                    15.3
                                                                                 24.2
          23.6
## 5043
                16.8
                       12.8
                              3.2
                                    -6.8
                                          -8.5
                                                 -4.0
                                                       -0.4
                                                             10.0
                                                                    20.7
                                                                          21.5
                                                                                 23.7
## 5044
          22.9
                16.9
                       13.2
                              4.9
                                    -2.4 - 10.9
                                                 -3.3
                                                        6.2
                                                              11.9
                                                                    16.3
                                                                          23.8
                                                                                 24.9
## 5045
          23.1
                18.8
                       17.3
                               6.1
                                   -7.7
                                          -1.7
                                                 -1.1
                                                        0.9
                                                             11.0
                                                                    19.3
                                                                          21.2
                                                                                 25.5
                       10.7
                               4.8
                                    -4.6
                                          -5.5
                                                 -6.4
                                                       -3.7
                                                              10.6
                                                                    19.3
## 5046
          20.8
               17.7
                                                                          21.1
                14.9
                        4.9
                                    -8.6
                                          -3.3
                                                        7.9
## 5047
          21.9
                               1.3
                                                  5.1
                                                             15.7
                                                                    21.3
                                                                          25.5
                                                                                 21.0
##
  5048
          16.5
               11.1
                        3.3
                             -3.5
                                    -4.6
                                           5.3
                                                 11.3
                                                       14.3
                                                             20.5
                                                                    23.5
                                                                          22.4
                                                                                 17.3
                             -6.1
                       -1.9
                                   -2.7
                                           7.5
                                                             23.4
##
  5049
          11.2
                  3.3
                                                 11.2
                                                       14.2
                                                                    25.5
                                                                          24.7
                                                                                 17.8
                                                 16.9
   5050
          12.6
                  2.4
                       -4.9
                             -3.0
                                   -0.9
                                          10.9
                                                       19.5
                                                              24.7
                                                                    23.4
                                                                          18.9
                                                                                  9.6
                       -9.2
                                                 22.7
## 5051
           3.8
                -4.2
                             -0.9
                                    1.0
                                          19.1
                                                       24.1
                                                              23.7
                                                                    17.9
                                                                           10.1
                                                                                  2.4
##
   5052
          -2.1
                 -8.2
                       -4.6
                               2.1
                                   15.1
                                          24.5
                                                 22.5
                                                       22.6
                                                              19.3
                                                                    14.0
                                                                            4.4
                                                                                 -1.8
## 5053
          -6.3
                -3.5
                        4.0
                             16.6
                                   22.3
                                          23.5
                                                 23.0
                                                              10.2
                                                                     2.8
                                                       18.7
                                                                          -5.8
                                                                                 -4.7
## 5054
          -1.6
                  6.7
                       15.7
                             23.3
                                    23.8
                                          24.4
                                                 17.6
                                                       13.9
                                                               4.5
                                                                    -4.9
                                                                          -0.9
                                                                                  5.5
## 5055
          11.8
                16.9
                       21.5
                             28.3
                                    22.3
                                          16.7
                                                 14.0
                                                        4.4
                                                             -1.9
                                                                    -4.5
                                                                           -0.1
                                                                                  9.6
  5056
          19.1
                22.7
                       26.1
                             26.1
                                    16.9
                                          14.5
                                                  5.2
                                                       -0.8
                                                              -3.4
                                                                     2.4
                                                                            4.8
##
                                                                                 16.2
##
   5057
          22.9
                26.2
                       24.5
                             19.2
                                     8.9
                                           0.4
                                                 -4.5 - 10.2
                                                               0.2
                                                                     7.7
                                                                          20.9
                                                                                 24.1
          27.1
  5058
                22.4
                       19.6
                             11.6
                                     4.2
                                          -3.5 -11.0
                                                       -8.6
                                                               2.0
                                                                    16.7
                                                                          23.5
                                                                                 23.7
##
## 5059
          24.1
                21.6
                       11.8
                              3.6
                                    -4.1 -11.6
                                                 -9.6
                                                        2.4
                                                              16.7
                                                                    22.9
                                                                          24.4
                                                                                 24.2
                                                  0.6
##
  5060
          19.4
                11.6
                        1.9
                             -0.2
                                   -5.1
                                          -6.4
                                                       16.7
                                                             22.3
                                                                    26.2
                                                                          24.2
                                                                                 18.4
  5061
           9.3
                  4.4
                      -3.5
                             -4.5
                                    -1.9
                                           5.1
                                                 15.1
                                                       22.7
                                                             24.4
                                                                    21.6
                                                                          19.4
## 5062
           4.7
                -4.8 -12.2
                             -5.4
                                     1.5
                                          17.1
                                                 19.6
                                                       25.1
                                                             22.5
                                                                    18.0
                                                                          12.9
                                                                                  3.5
                -3.7
                       -1.2
                               2.7
                                    13.8
                                          21.0
                                                 26.4
                                                       11.2
                                                               3.6 - 13.5
                                                                           -5.5
## 5063
          -1.8
                                                                                  0.4
          -0.9
                14.6
                       22.2
                             24.0
                                    24.5
                                          16.6
                                                 11.4
                                                             -2.4
                                                                          -4.6
## 5064
                                                        3.8
                                                                    -7.5
                                                                                  6.1
                                                       -7.9
   5065
          17.6
                19.8
                       24.5
                             20.8
                                    16.7
                                          11.0
                                                 -2.1
                                                             -1.8
                                                                    -5.2
                                                                            6.1
                                                                                 11.7
##
  5066
          16.5
                23.4
                       25.5
                             21.3
                                   19.6
                                          11.7
                                                  1.1
                                                       -1.5
                                                             -1.9
                                                                     2.8
                                                                            5.6
                                                                                 13.3
                23.4
                       25.5
                             21.6
                                   17.8
                                                       -0.4
                                                              -6.4
##
   5067
          19.6
                                           9.1
                                                  6.1
                                                                    -4.6
                                                                            4.7
                                                                                 10.9
                24.9
                       24.6
                             25.2
                                                               0.0
## 5068
          19.6
                                   18.8
                                           9.3
                                                  4.4
                                                       -1.5
                                                                    -8.6
                                                                                 12.6
                                                                            3.0
                                                       -7.9
## 5069
          17.1
                20.9
                       25.1
                             23.4
                                    16.9
                                          12.6
                                                  2.6
                                                               0.5
                                                                    -1.0
                                                                            5.8
                                                                                 10.4
## 5070
          14.9
                23.2
                       23.7
                             23.9
                                    20.4
                                          11.7
                                                  5.9
                                                       -5.8
                                                              -8.6
                                                                     0.8
                                                                            5.9
                                                                                 12.3
## 5071
          19.3
                23.7
                       24.4
                             23.3
                                    18.7
                                          10.8
                                                 -0.9
                                                       -0.4
                                                               0.0
                                                                     2.4
                                                                            6.3
                                                                                  9.7
                                                       -2.4
## 5072
          16.9
                21.0
                       21.6
                             20.4
                                    17.8
                                          11.6
                                                  1.9
                                                              -6.5
                                                                    -5.4
                                                                            2.1
                                                                                  8.7
## 5073
          16.5
                21.3
                       23.7
                             23.6
                                   15.3
                                          10.4
                                                              -7.7
                                                                            5.1
                                                                                 10.9
                                                  1.5
                                                       -1.6
                                                                    -5.0
## 5074
          18.5
                23.2
                       22.9
                             22.3
                                    19.2
                                          12.8
                                                  5.3
                                                       -1.7
                                                              -4.9
                                                                    -0.6
                                                                           4.0
                                                                                 14.5
                                                                     1.4
## 5075
          22.0
                25.8
                       26.1
                             17.3
                                   11.8
                                           1.1
                                                 -2.7
                                                       -8.2
                                                              -2.5
                                                                          23.0
                                                                                 17.0
                       14.6
## 5076
          12.0
                 5.1
                             23.2
                                   25.1
                                          22.8
                                                 19.1
                                                        1.7
                                                               2.0
                                                                     0.5
                                                                          11.2
                                                                                 19.3
## 5077
          21.1
                25.0
                       24.3
                             22.1
                                    13.4
                                           6.6
                                                 -0.5
                                                       -5.1
                                                               2.1
                                                                     4.3
                                                                          11.0
                                                                                 16.9
## 5078
          21.7
                27.0
                       22.7
                             17.8
                                    12.0
                                           8.5
                                                 -0.4
                                                       -2.6
                                                               2.5
                                                                     7.1
                                                                          11.1
                                                                                 19.0
                       25.2
                             20.0
                                                 -9.1
## 5079
          21.5
                24.0
                                    14.3
                                           0.9
                                                       -2.9
                                                             -5.8
                                                                     1.8
                                                                          13.3
                                                                                 17.6
          22.1
                26.2
                       24.5
                             18.5
                                    12.1
                                           9.8
                                                  0.2
                                                       -0.9
                                                               0.2
## 5080
                                                                     0.7
                                                                          11.4
                                                                                 15.5
## 5081
          25.2
                27.4
                       24.0
                             20.3
                                     8.7
                                           3.2
                                                  0.2
                                                       -5.2
                                                              -4.6
                                                                     4.3
                                                                          12.0
                                                                                 15.5
                25.9
                       25.7
                             17.5
                                                              -3.8
                                                                     6.5
## 5082
          20.8
                                   13.1
                                           3.4
                                                 -0.8
                                                       -6.0
                                                                          12.4
                                                                                 17.9
          20.5
                23.0
                       21.2
                             21.4
                                                 -0.8
                                                       -6.0
                                                               0.6
## 5083
                                    12.9
                                           5.8
                                                                     4.9
                                                                          13.2
                                                                                 16.7
                 26.7
                       23.9
                             21.6
                                                        2.2
                                                                     3.9
## 5084
          24.3
                                    12.6
                                           5.7
                                                 -4.1
                                                              -1.7
                                                                          18.0
                                                                                 23.8
                                                 -5.8
## 5085
          26.5
                 23.5
                       16.6
                              9.8
                                     4.0
                                           0.7
                                                        9.9
                                                              19.5
                                                                    23.0
                                                                          26.0
                                                                                 25.3
                                          -5.4
## 5086
          19.4
                13.8
                        3.7
                             -5.2
                                    -6.6
                                                  8.5
                                                       15.9
                                                              24.8
                                                                    24.3
                                                                          18.4
                                                                                 12.3
## 5087
           3.8
                -5.6
                       -6.3
                             -1.1
                                    10.0
                                          22.3
                                                 22.1
                                                               7.5
                                                                          -8.4
                                                                                 -6.2
                                                        8.1
                                                                    -6.3
## 5088
           4.9
                14.1
                       16.6
                             23.5
                                    25.7
                                          26.1
                                                 19.4
                                                       14.3
                                                               4.7
                                                                    -4.0
                                                                          -7.5
                                                                                 -3.2
                             23.0
                                          24.7
## 5089
           4.1
                 11.0
                       17.0
                                    27.8
                                                 17.7
                                                       14.1
                                                               5.4
                                                                    -1.1
                                                                          -0.9
                                                                                 -0.3
## 5090
          13.4
                13.9
                       20.4
                             24.5
                                    29.4
                                          24.3
                                                 18.5
                                                       11.8
                                                               6.1
                                                                          -3.4
                                                                                 -1.4
                                                                    -1.3
                      16.3
                             22.2
## 5091
           0.4
                 7.8
                                   25.3
                                          24.4
                                                 22.0
                                                       11.6
                                                               3.1
                                                                    -5.0
                                                                          -6.0
                                                                                 -5.6
## 5092
           2.4 11.0
                      17.7
                             23.1
                                    23.3
                                          24.2
                                                 19.7
                                                       12.9
                                                               1.1
                                                                    -0.2
                                                                          -2.7
                                                                                 -6.0
           6.2 12.7 16.7 23.1 24.9
                                          22.8 21.8
## 5093
                                                      13.9
                                                               7.2
                                                                     1.2
                                                                          -4.3
                                                                                  1.3
```

```
8.4 12.6 17.2 26.1 25.4 24.1 21.2 14.7
## 5094
                                                            8.3 -2.8 -2.4
                                                                              -4.5
## 5095
           6.0
               12.3
                      17.2
                            24.5
                                  26.9
                                         22.4 21.4
                                                     12.8
                                                            4.9
                                                                 -2.1
                                                                       -5.3
                                                                       -4.1
## 5096
           4.3
                 7.1
                      21.4
                            25.4
                                  25.3
                                        24.2
                                               20.6
                                                     10.6
                                                            0.9
                                                                 -1.2
                                                                              -7.8
## 5097
                     16.6
                            23.5
                                  26.1
                                               23.2
                                                     10.1
                                                                       -2.9
           1.4 12.8
                                         24.1
                                                            3.1
                                                                  0.2
                                                                              -0.6
## 5098
           6.6
               10.5
                      15.3
                            25.5
                                  26.5
                                         25.3
                                               18.8
                                                     10.0
                                                            7.2
                                                                 -0.9
                                                                        -2.0
                                                                              -9.0
## 5099
           8.0
               11.6
                     16.7
                            25.4
                                  25.5
                                        25.7
                                               21.5
                                                     14.7
                                                            7.0
                                                                  2.2
                                                                       -5.2
                                                                              27.0
## 5100
          22.2 23.7
                      26.5
                            26.9
                                  27.1
                                         26.0
                                               20.4
                                                     12.8
                                                           13.6
                                                                 17.0
                                                                        20.7
          26.0
               26.7
                      27.1
                            25.5
                                  23.3
                                        16.0
                                               17.9
                                                     12.7
                                                           14.5
                                                                 26.2
                                                                        25.5
                                                                              22.2
## 5101
## 5102
          17.1
                 9.9
                       2.5
                             8.2
                                  18.6
                                         23.9
                                               27.0
                                                     23.0
                                                           21.3
                                                                 15.5
                                                                         8.5
                                                                               3.3
                                               -0.4
                                                                 19.8
          23.4
                26.1
                      26.2
                            25.5
                                  22.8
                                          3.6
                                                           14.8
                                                                       23.2
                                                                              26.4
## 5103
                                                      1.9
## 5104
          24.8
                24.6
                       5.2
                             2.1
                                    2.7
                                         12.2
                                               17.5
                                                     24.4
                                                           25.9
                                                                 23.8
                                                                       19.7
                                                                              12.3
                       1.2
                            -2.8
                                        17.4
                                                                 22.0
## 5105
           9.8
                 2.4
                                  13.0
                                               24.3
                                                     24.6
                                                           25.1
                                                                        16.2
                                                                               7.4
                                        17.5
## 5106
           7.5
                -1.6
                       0.4
                           16.4
                                  23.8
                                               11.7
                                                     -3.9
                                                            9.1
                                                                 17.7
                                                                        19.8
                                                                              15.9
           5.6
                 0.4
                      12.0 22.7
                                  23.6
                                        11.2
                                               -3.7
                                                     21.9
                                                           11.6
                                                                 -0.9
                                                                        12.9
## 5107
                                                                              18.0
## 5108
          23.6
               25.4
                      20.5
                            12.8
                                  12.2
                                         22.6
                                               19.6
                                                     12.0
                                                            1.2
                                                                 11.0
                                                                        21.6
                                                                              18.6
## 5109
          12.8
                 0.3
                      10.9
                            21.7
                                  17.7
                                         13.3
                                               -4.6
                                                     10.0
                                                           22.7
                                                                 18.5
                                                                       13.5
                                                                              -5.9
          11.3
               21.5
                      23.4
                            20.5
                                  11.7
                                         10.1
                                               21.8
                                                     24.5
                                                           21.4
                                                                 14.1
                                                                         2.3
                                                                              14.3
## 5110
## 5111
          22.7
                24.8
                     22.0
                            15.7
                                  -1.6
                                         22.3
                                               24.7
                                                     21.3
                                                           14.0
                                                                  0.0
                                                                       13.8
                                                                              18.5
## 5112
          22.4
                25.8 21.0
                           15.1
                                   2.6
                                          3.7
                                                9.9
                                                     15.8
                                                           22.6
                                                                 26.4
                                                                       13.9
                                                                               9.9
## 5113
           2.5
                 1.4
                      -5.1
                             2.7
                                   0.2
                                          2.3
                                               12.4
                                                     12.1
                                                           19.2
                                                                 18.5
                                                                        15.4
                                                                              10.4
## 5114
           1.3
                -2.4
                      -7.1
                            -5.4
                                  -2.3
                                          4.2
                                                9.2
                                                     13.7
                                                           20.2
                                                                 18.2
                                                                       12.4
                                                                               9.8
## 5115
          -1.5
                -3.3
                      -1.4
                            -2.3
                                   0.2
                                          5.5
                                                7.7
                                                     12.9
                                                           18.6
                                                                 17.6
                                                                       10.3
                                                                               9.6
               -4.2
                     -6.6
## 5116
           3.1
                            -5.3
                                   2.6
                                          5.9
                                               13.1
                                                     15.9
                                                           20.3
                                                                 19.1
                                                                       15.1
                                                                               7.6
           3.3
               -2.8
                      -3.2
                            -2.0
                                   3.6
                                          1.5
                                                9.6
                                                     12.6
                                                           20.1
                                                                 20.1
                                                                        14.4
## 5117
                                                                               8.7
               -8.0 -4.9
                             2.1
                                   2.5
                                          3.4
                                                9.6
                                                     15.2
                                                           20.2
                                                                 16.2
                                                                       12.5
                                                                               8.2
## 5118
           3.1
## 5119
           1.6
               -4.6 -0.4
                            -3.4
                                  -3.2
                                          6.2
                                               13.8
                                                     14.1
                                                           20.3
                                                                 20.9
                                                                        15.9
                                                                               4.7
## 5120
           1.7
               -1.2 -1.5
                             1.7
                                   0.5
                                          1.6
                                               10.4
                                                     14.5
                                                           19.6
                                                                 20.1
                                                                       11.2
                                                                               5.1
## 5121
                 5.7
                      -4.3
                            -1.2
                                   1.5
                                          5.2
                                                8.3
                                                           20.1
                                                                 20.2
           2.2
                                                     15.1
                                                                        11.4
                                                                               4.6
               -7.3
                      -4.4
                             0.3
                                                           20.1
## 5122
           0.0
                                    5.1
                                          5.3
                                               10.6
                                                     16.6
                                                                 17.7
                                                                        12.3
                                                                               7.4
               -6.6
                      -6.6
## 5123
          -0.6
                            -2.8
                                  -0.9
                                          3.9
                                               11.5
                                                     15.3
                                                           19.3
                                                                 18.9
                                                                        12.2
                                                                               7.6
           0.3 - 2.8
## 5124
                      -4.8
                            -2.1
                                    3.7
                                          4.4
                                               11.5
                                                     17.7
                                                           20.6
                                                                 17.7
                                                                        14.1
                                                                               7.1
## 5125
           2.4 - 4.2
                      -4.4
                            -2.0
                                    0.1
                                          1.2
                                                5.8
                                                     14.0
                                                           20.0
                                                                 17.6
                                                                        14.2
                                                                               7.1
               -1.9
                      -3.2
                            -0.7
                                                                        13.8
## 5126
           0.0
                                  -0.7
                                          4.3
                                               12.0
                                                     14.5
                                                           19.5
                                                                 15.9
                                                                               6.7
## 5127
           2.3 -2.6
                     -5.5
                           -0.8
                                  -2.0
                                          7.2
                                                7.2
                                                     16.9
                                                           19.6
                                                                 18.8
                                                                       14.1
                                                                               8.7
## 5128
           2.4
                -1.2
                      -1.5
                            -0.8
                                   4.9
                                          4.9
                                                8.8
                                                     15.1
                                                           20.4
                                                                 17.8
                                                                        12.2
                                                                               9.9
               -6.8
## 5129
          -1.2
                      -8.3
                            -2.7
                                   1.5
                                          6.1
                                               11.2
                                                     15.6
                                                           19.7
                                                                 17.6
                                                                       16.2
                                                                               9.5
## 5130
          -0.1
               -0.4
                     -0.2
                             1.7
                                    0.7
                                          6.8
                                                8.5
                                                     14.6
                                                           20.1
                                                                 18.7
                                                                        14.0
                                                                               7.6
## 5131
           2.6 -0.2
                     -0.3
                             0.2
                                    1.9
                                          8.0
                                               10.1
                                                     17.2
                                                           20.8
                                                                 19.1
                                                                       15.5
                                                                               6.1
## 5132
           3.8
                 1.0
                      -5.3
                            -0.7
                                    0.9
                                          3.8
                                                9.8
                                                     14.0
                                                           18.7
                                                                 19.8
                                                                       12.5
                                                                               5.4
                                                           18.8
## 5133
           0.6
               -4.0 -1.7
                            -1.0
                                   2.5
                                          3.1
                                                8.7
                                                     14.4
                                                                 18.6
                                                                       15.1
                                                                               9.9
## 5134
           0.7
               -2.2 -4.0
                            -1.3
                                   1.8
                                          4.1
                                               12.6
                                                     14.2
                                                           19.7
                                                                 18.6
                                                                               4.4
                                                                        14.5
## 5135
           1.2 -5.4
                     -6.9
                           -4.2
                                   2.8
                                          8.1
                                               11.6
                                                     17.4
                                                           20.3
                                                                 18.6
                                                                       11.1
                                                                               6.8
                -4.4
                       1.3
                             1.9
                                               10.6
                                                     17.4
                                                           18.7
                                                                  20.6
## 5136
          -2.5
                                    5.1
                                          5.8
                                                                        11.1
                                                                               6.7
           2.2
               -2.2
                      -6.1
                                               11.0
                                                     16.6
                                                           18.0
                                                                 18.5
## 5137
                            -1.1
                                    1.7
                                          8.3
                                                                       14.0
                                                                               9.4
           1.7 -4.3
                     -5.9
                            -0.3
                                    2.2
                                          7.2
                                               10.0
                                                           20.6
## 5138
                                                     16.6
                                                                 18.5
                                                                        13.4
                                                                              11.1
           0.2 -5.5
                     -8.1
                            -4.3
                                               10.6
                                                     15.1
                                                           21.1
                                                                 18.2
## 5139
                                    5.3
                                          9.4
                                                                        13.6
                                                                               7.6
## 5140
           1.6
               -1.9
                      -2.9
                            -4.6
                                    3.7
                                          8.1
                                               10.0
                                                     16.4
                                                           20.5
                                                                 18.4
                                                                        15.8
                                                                               8.9
## 5141
           1.3
               -7.8 -3.1
                             2.2
                                    0.6
                                                           20.1
                                                                 19.2
                                                                        13.5
                                                                               7.6
                                          3.7
                                                7.8
                                                     14.8
## 5142
           1.1
               -2.0 -4.1
                             1.7
                                    4.1
                                          9.2
                                               12.6
                                                     14.7
                                                           18.6
                                                                 19.0
                                                                        14.3
                                                                               9.1
                -4.6
                      -6.6
                                                     12.7
## 5143
          -0.7
                            -6.5
                                    1.3
                                          5.7
                                               11.7
                                                           16.7
                                                                 17.3
                                                                       12.9
                                                                               6.6
## 5144
          -1.9
               -4.1
                      -2.7
                            -4.6
                                    4.2
                                          6.1
                                               10.8
                                                     17.7
                                                           20.7
                                                                 20.2
                                                                        14.5
                                                                               6.7
          -2.8 -3.9
                             3.2
                                                           18.6
                                                                 19.6
## 5145
                      -3.5
                                    2.3
                                          4.9
                                                7.9
                                                     12.3
                                                                       15.0
                                                                               7.7
                                    3.1
## 5146
           4.4 - 2.3
                     -1.7
                             0.2
                                          6.3
                                               10.8
                                                     16.8
                                                           20.9
                                                                 19.5
                                                                       13.3
                                                                               6.4
           2.1 -0.8 -3.0 -2.1
                                          4.5 12.2 16.0 18.9 20.6 15.0
## 5147
                                   4.5
                                                                               7.5
```

```
4.2
                                                  8.2 13.0
## 5148
           1.9 -6.2 -1.4
                             -1.5
                                     1.1
                                                              20.4
                                                                    20.3
                                                                          14.4
                                                                                  5.5
## 5149
           2.4
                -3.9
                       -1.0
                             -0.7
                                     2.8
                                            3.0
                                                  9.7
                                                       15.4
                                                              20.2
                                                                    18.3
                                                                           13.7
                                                                                  9.4
                                                              20.6
                                                                           14.2
## 5150
           4.6
                 -2.7
                       -0.3
                               0.8
                                     2.1
                                            8.4
                                                 12.6
                                                       17.3
                                                                    19.8
                                                                                  7.2
## 5151
                -0.4
                       -3.7
                              -2.5
                                                 13.4
                                                       17.2
                                                                    20.5
          -3.4
                                     4.3
                                            5.5
                                                              19.9
                                                                           15.6
                                                                                  9.6
## 5152
           1.9
                -6.2
                       -4.5
                              -2.6
                                     0.2
                                            7.1
                                                 10.4
                                                       17.1
                                                              21.8
                                                                    18.3
                                                                           14.0
                                                                                  5.9
## 5153
           1.1
                -3.0
                        2.2
                             -2.4
                                     3.0
                                            4.9
                                                 10.7
                                                       16.6
                                                              22.1
                                                                    20.5
                                                                           14.5
                                                                                 10.5
          -0.8
                -2.3
                       -5.9
                             -4.4
                                     5.7
                                                 10.8
                                                       16.5
                                                              20.1
                                                                    17.7
## 5154
                                            7.1
                                                                           13.4
                                                                                  7.2
           0.3
                                                                    18.7
                -1.8
                      -1.0
                               0.0
                                     2.0
                                                 10.5
                                                       14.2
                                                              21.4
## 5155
                                            5.4
                                                                           13.3
                                                                                  8.4
## 5156
           3.3
                -1.5
                       -2.1
                             -1.6
                                    -0.7
                                            6.8
                                                 12.0
                                                       17.8
                                                              21.2
                                                                    18.3
                                                                           12.3
                                                                                  7.1
           1.8
                -3.5
                       -7.3
                             -0.5
                                     4.6
                                            7.2
                                                              21.9
                                                                    20.8
                                                                                  7.5
## 5157
                                                 11.6
                                                       17.0
                                                                           13.9
## 5158
           2.6
                -5.5
                       -6.9
                             -2.6
                                     1.4
                                            4.6
                                                  9.2
                                                       15.5
                                                              20.7
                                                                    20.0
                                                                           13.8
                                                                                  7.8
                       -3.5
                             -2.6
## 5159
           4.3
                -3.9
                                     2.0
                                            5.3
                                                 12.5
                                                       13.5
                                                              19.2
                                                                    16.5
                                                                           14.5
                                                                                  4.6
                       -5.7
                                                              21.3
## 5160
           0.9
                -9.1
                             -2.6
                                     1.6
                                            4.0
                                                  6.9
                                                       15.9
                                                                    19.2
                                                                           15.0
                                                                                  9.0
## 5161
          -0.5
                -1.4
                       -5.1
                             -3.4
                                     2.8
                                            4.5
                                                       14.3
                                                              20.2
                                                                    20.7
                                                  8.1
                                                                           15.7
                                                                                  8.5
## 5162
           1.0
                -3.5
                       -0.5
                             -1.2
                                     4.4
                                            8.0
                                                 11.5
                                                       17.0
                                                              20.4
                                                                    20.6
                                                                           15.4
                                                                                  9.1
## 5163
           4.4
                -3.5
                       -8.2
                             -3.7
                                     4.6
                                            6.1
                                                 10.4
                                                       17.5
                                                              21.9
                                                                    19.9
                                                                           14.4
                                                                                  6.2
           2.2
                -5.5
                       -0.3
                               0.4
                                     3.4
                                            6.6
                                                 11.2
                                                       16.0
                                                              21.9
                                                                    18.0
                                                                           16.3
                                                                                 10.5
## 5164
                       -0.4
## 5165
           2.5
                -0.9
                               3.0
                                     5.9
                                            6.8
                                                 10.5
                                                       20.5
                                                              20.0
                                                                    20.7
                                                                           17.1
                                                                                 10.2
## 5166
          -1.7
                -4.3
                       -6.5
                              -3.0
                                     4.0
                                            6.8
                                                 10.2
                                                       18.7
                                                              21.5
                                                                    19.8
                                                                           10.0
                                                                                  2.9
## 5167
          -4.4
                -5.3
                        4.8
                               6.0
                                    11.6
                                          19.5
                                                 22.9
                                                       20.7
                                                              13.1
                                                                      6.8
                                                                            4.5
                                                                                 -2.3
## 5168
          -1.6
                -1.7
                        1.6
                               8.1
                                    11.6
                                          19.2
                                                 22.5
                                                       20.6
                                                              16.6
                                                                      6.7
                                                                           -0.2
                                                                                 -3.4
## 5169
          -1.9
                -5.3
                        1.9
                               7.2
                                     7.7
                                          14.8
                                                 20.1
                                                       20.0
                                                              13.8
                                                                      4.0
                                                                            2.4
                                                                                 -2.1
                                                 20.5
## 5170
          -1.1
                -1.0
                        2.4
                               6.4
                                    12.9
                                          15.7
                                                       21.1
                                                              15.6
                                                                      9.0
                                                                                 -3.4
                                                                            1.5
## 5171
          -2.0
                -1.7
                        1.7
                               6.0
                                    10.8
                                          19.4
                                                 22.3
                                                       19.2
                                                              15.6
                                                                     7.1
                                                                            4.7
                                                                                 -3.0
          -4.3
                -0.6
                               4.9
                                   11.5
                                          20.1
                                                 22.6
                                                       26.1
                                                              25.4
                                                                    19.4
                                                                                  3.8
## 5172
                        2.3
                                                                           15.6
## 5173
           1.0
                  2.2
                        3.9
                               5.8
                                    12.7
                                          18.8
                                                 28.4
                                                       27.4
                                                              24.8
                                                                    21.1
                                                                           12.1
                                                                                  7.8
## 5174
           2.8
                  1.8
                        4.4
                               8.2
                                    11.2
                                          19.6
                                                 27.5
                                                       27.4
                                                              25.7
                                                                    22.4
                                                                           16.7
                                                                                  8.7
## 5175
           2.1
                 -0.4
                        7.7
                               5.6
                                    16.7
                                          16.4
                                                 26.3
                                                       29.4
                                                              26.8
                                                                    23.7
                                                                           14.8
                                                                                  7.8
           2.8
                  0.7
                                          20.2
                                                 21.9
                                                              26.8
## 5176
                        2.2
                               7.2
                                   17.4
                                                       28.7
                                                                    23.1
                                                                           14.7
                                                                                  5.5
## 5177
           0.8
                -1.3
                        2.8
                               7.4
                                    12.0
                                          20.0
                                                 24.4
                                                       25.6
                                                              26.3
                                                                    21.7
                                                                           18.2
                                                                                  7.7
                -2.7
                                          19.3
## 5178
           3.6
                        4.7
                               6.6
                                    13.6
                                                 24.3
                                                       26.9
                                                              26.4
                                                                    20.3
                                                                            6.5
                                                                                  4.8
## 5179
          -0.3
                -3.5
                        3.5
                              13.3
                                    19.1
                                          22.1
                                                 24.7
                                                       25.4
                                                              20.7
                                                                    15.2
                                                                            9.5
                                                                                 -0.9
          -3.2
                  2.2
                                   21.0
## 5180
                        7.7
                              13.8
                                          24.8
                                                 25.7
                                                       27.0
                                                              21.8
                                                                    14.0
                                                                            4.0
                                                                                  4.0
                                                                                 -0.6
## 5181
           0.9
                 -0.6
                       -0.8
                             15.1
                                   16.7
                                          23.4
                                                 24.7
                                                       26.3
                                                              23.4
                                                                    15.0
                                                                            8.1
                  2.2
## 5182
          -2.1
                        7.5
                             10.0
                                    14.6
                                          23.1
                                                 24.5
                                                       24.1
                                                              21.7
                                                                    15.1
                                                                            6.2
                                                                                  0.0
                        4.2
## 5183
          -4.1
                  2.6
                             11.8
                                   22.2
                                          22.8
                                                 24.3
                                                       24.2
                                                              19.1
                                                                    15.7
                                                                            7.2
                                                                                  4.4
## 5184
          -5.9
                 -1.9
                        9.3
                             14.8
                                   17.7
                                          24.1
                                                 25.2
                                                       23.8
                                                              20.3
                                                                    19.4
                                                                            7.6
                                                                                 -5.4
## 5185
           1.5
                  1.3
                        5.7
                             14.8
                                    20.9
                                          23.8
                                                 25.9
                                                       24.7
                                                              20.7
                                                                    12.2
                                                                            8.5
                                                                                 -0.6
## 5186
          -0.1
                  1.0
                        1.4
                             14.7
                                    21.4
                                          23.9
                                                 24.9
                                                       24.3
                                                              20.6
                                                                    13.6
                                                                            9.2
                                                                                  5.3
          -3.9
                             10.9
                                    16.5
                                                 28.3
## 5187
                  0.1
                        8.2
                                          23.2
                                                       23.4
                                                              18.7
                                                                    12.3
                                                                            8.4
                                                                                  1.6
## 5188
           1.5
                -0.4
                        9.7
                             14.7
                                    16.0
                                          23.3
                                                 23.8
                                                       22.4
                                                              19.2
                                                                    14.1
                                                                            5.6
                                                                                  1.6
## 5189
          -0.1
                 -1.6
                        7.8
                             13.1
                                    16.6
                                          25.0
                                                 25.3
                                                       25.1
                                                              19.3
                                                                    13.9
                                                                            6.4
                                                                                  0.2
## 5190
                  2.7
                             13.8
                                    18.7
                                          22.5
                                                 27.5
                                                       25.0
                                                              20.7
          -1.2
                        2.8
                                                                    13.3
                                                                            6.3
                                                                                  0.1
## 5191
          -4.0
                  0.5
                             14.4
                                    20.7
                                          22.4
                                                 25.5
                                                              22.1
                        4.7
                                                       24.7
                                                                    13.4
                                                                            6.4
                                                                                  2.8
## 5192
          -2.6
                  1.1
                        4.8
                             13.3
                                    16.8
                                          25.8
                                                 24.1
                                                       24.3
                                                              22.5
                                                                    17.6
                                                                            7.8
                                                                                  4.8
          -1.1
                  1.3
                        7.2
                             13.4
                                          23.0
                                                 25.3
                                                              21.1
## 5193
                                    19.1
                                                       24.6
                                                                    14.7
                                                                            4.3
                                                                                 -0.9
## 5194
           0.3
                  1.4
                       10.5
                             12.1
                                    16.4
                                          23.8
                                                 26.3
                                                       24.9
                                                              21.1
                                                                    15.9
                                                                            8.3
                                                                                 -1.1
## 5195
          -1.2
                  2.2
                        8.9
                             14.2
                                    18.3
                                          20.8
                                                 26.6
                                                              16.8
                                                       23.6
                                                                    14.3
                                                                            6.7
                                                                                  1.1
## 5196
           0.7
                  0.0
                        3.9
                             11.9
                                    19.8
                                          23.8
                                                 25.4
                                                       25.5
                                                              18.2
                                                                    15.0
                                                                            9.1
                                                                                  1.9
## 5197
          -2.2
                                          22.6
                                                              20.1
                  6.3
                        9.3
                             13.6
                                    16.0
                                                 26.4
                                                       23.4
                                                                    10.5
                                                                            2.8
                                                                                 -1.9
## 5198
          -9.4
                  1.6
                        9.8
                             16.0
                                   21.7
                                          23.7
                                                 27.3
                                                       24.7
                                                              21.5
                                                                    13.1
                                                                                 -0.9
                                                                            7.1
          -6.9
                -6.1
                                                              22.8
## 5199
                        3.3
                             13.4 17.5
                                          23.5
                                                 26.0
                                                       24.7
                                                                    13.4
                                                                            8.6
                                                                                  1.7
          -8.1
## 5200
                -5.0
                        6.7
                             11.6
                                    18.7
                                          24.7
                                                 26.0
                                                       25.7
                                                              21.6
                                                                    16.0
                                                                            6.8
                                                                                  3.8
          -0.3 - 2.3
                                   19.4 24.2 29.4
## 5201
                        4.9
                             12.7
                                                       28.6
                                                             22.4
                                                                   13.3
                                                                            8.0
                                                                                  2.5
```

```
7.9 17.7 16.0 24.4 25.9 24.5
## 5202
          -0.5
                 2.7
                                                            20.6 13.1
                                                                          9.3
                                                                               -0.5
                                                                                5.3
## 5203
          -5.3
                        7.0
                            10.8
                                  21.5
                                         21.7
                                                26.5
                                                      24.0
                                                            20.0
                                                                  14.6
                                                                          8.0
                -1.9
                                         24.1
                                                28.6
                                                            22.2
## 5204
           0.2
                 3.4
                        6.9
                            10.1
                                   16.8
                                                      28.1
                                                                  15.6
                                                                          9.0
                                                                               -6.4
## 5205
                            12.2
                                         25.0
                                                25.7
                                                            20.2
          -2.1
                 4.7
                        2.8
                                   17.3
                                                      27.1
                                                                  16.5
                                                                          6.8
                                                                                4.8
## 5206
          -5.6
                -0.8
                        9.7
                            15.8
                                   19.7
                                         22.0
                                                26.2
                                                      23.7
                                                            21.6
                                                                  16.3
                                                                          8.1
                                                                               -2.6
## 5207
           1.7
                 1.4
                        9.4 16.0 20.1
                                         25.6
                                                28.2
                                                      23.3
                                                            22.8
                                                                  14.4
                                                                          5.0
                                                                                1.7
## 5208
          -0.6
                 4.4
                        9.4
                            13.9
                                   22.6
                                         25.5
                                                27.2
                                                      26.0
                                                            21.4
                                                                  12.2
                                                                          9.4
                                                                                3.3
          -1.6
                -0.8
                        7.3
                            13.0
                                   20.5
                                         25.4
                                                27.6
                                                      28.2
                                                            22.5
                                                                  12.2
## 5209
                                                                          8.4
                                                                                2.9
## 5210
           5.1
                -2.1
                        7.2
                            14.3
                                   17.9
                                         23.9
                                                26.3
                                                      25.4
                                                            19.7
                                                                  16.3
                                                                          8.4
                                                                               -4.4
                                                            23.4
           6.1
                 5.2
                            13.2
                                   17.6
                                         25.1
                                                26.8
                                                                                1.5
## 5211
                        9.9
                                                      25.5
                                                                  14.5
                                                                         11.5
## 5212
          -1.5
                 5.4
                       10.1
                            16.4
                                   22.8
                                         26.6
                                                27.2
                                                      26.5
                                                            22.4
                                                                  15.8
                                                                          5.8
                                                                                4.0
           2.8
## 5213
                 5.9
                        9.2
                            14.3
                                   18.4
                                         23.2
                                                26.1
                                                      23.0
                                                            20.7
                                                                  15.2
                                                                          6.8
                                                                                2.1
## 5214
           0.1
                -0.2
                        5.3
                            12.3
                                   19.1
                                         23.9
                                                27.7
                                                      26.9
                                                            19.1
                                                                  13.4
                                                                          6.6
                                                                                2.9
## 5215
          -2.9
                 1.7
                        8.7
                            14.3
                                   18.3
                                         26.1
                                                26.4
                                                      24.8
                                                            21.2
                                                                  16.4
                                                                         11.2
                                                                                5.3
## 5216
          -0.6
                 2.4
                        9.4
                            13.8
                                   18.1
                                         24.2
                                                27.3
                                                      28.8
                                                            20.0
                                                                  16.1
                                                                          5.9
                                                                                1.0
## 5217
          -1.4
                 3.2
                        5.0
                            12.6
                                   20.3
                                         23.7
                                                24.3
                                                      25.4
                                                            19.6
                                                                  14.5
                                                                          3.9
                                                                                2.0
## 5218
          -2.8
                 3.4
                        8.7
                            10.5
                                   16.4
                                         23.1
                                                26.7
                                                      24.5
                                                            21.2
                                                                  15.1
                                                                          5.5
                                                                                1.7
## 5219
           2.4
                 5.9
                        6.3
                            13.0
                                   21.8
                                         24.1
                                                26.0
                                                      26.1
                                                            23.8
                                                                  15.6
                                                                          9.7
                                                                                2.8
          -0.4
## 5220
                        6.0
                            14.8
                                  19.3
                                         23.8
                                                28.3
                                                      24.7
                                                            20.9
                                                                  14.9
                 5.8
                                                                         11.5
                                                                                3.4
## 5221
           0.5
                 6.1
                        9.5
                            12.9
                                   20.5
                                         22.7
                                                25.3
                                                      26.9
                                                            20.8
                                                                  16.3
                                                                          5.2
                                                                               -5.7
## 5222
          -0.8
                 1.7
                        5.3 17.3
                                  20.4
                                         23.4
                                                27.0
                                                      26.5
                                                            20.4
                                                                  14.3
                                                                         11.7
                                                                                4.4
## 5223
           3.4
                 4.1
                        6.0
                            15.2
                                  17.5
                                         25.6
                                                28.2
                                                      26.6
                                                            23.0
                                                                  12.9
                                                                          6.7
                                                                                3.0
          -2.2
                -0.4
## 5224
                        8.6 14.3
                                   18.3
                                         21.8
                                                26.7
                                                      27.1
                                                            19.9
                                                                  15.6
                                                                          9.6
                                                                                3.7
          -0.6
                 2.2
                        9.9
                            15.2
                                   21.6
                                         23.6
                                                25.5
                                                      23.1
                                                            21.9
                                                                  15.7
## 5225
                                                                          9.6
                                                                                2.8
                                                      26.6
           1.0
                 4.7
                        6.6 15.0
                                  19.2
                                         26.0
                                                26.7
                                                            23.3
                                                                  14.9
                                                                          9.2
                                                                                0.0
## 5226
                                         24.5
## 5227
           5.7
                 1.8
                        8.1
                            16.7
                                   19.0
                                                28.2
                                                      26.7
                                                            19.7
                                                                  12.9
                                                                          8.3
                                                                                4.8
## 5228
           1.2
                -1.5
                       12.0
                            12.2
                                   21.6
                                         24.7
                                                25.8
                                                      29.1
                                                            23.4
                                                                  17.3
                                                                          8.0
                                                                                1.9
## 5229
           0.6
                 0.2
                        6.7
                            12.4
                                   17.3
                                         24.9
                                                26.3
                                                      24.8
                                                            21.2
                                                                  14.6
                                                                          7.1
                                                                                0.3
## 5230
                            13.3
                                  19.4
                                         25.4
                                                            21.0
          -1.8
                 3.9
                        9.6
                                                24.2
                                                      24.7
                                                                  12.0
                                                                         11.0
                                                                                1.0
          -2.6
## 5231
                -0.8
                        9.4
                            17.8
                                   20.0
                                         27.0
                                                28.0
                                                      27.9
                                                            21.8
                                                                  16.6
                                                                          9.3
                                                                               -0.9
          -2.3
                 2.6
## 5232
                        8.5
                             15.9
                                   19.1
                                         25.8
                                                29.9
                                                      27.6
                                                            19.8
                                                                  15.8
                                                                         10.5
                                                                                4.9
## 5233
           3.4
                 5.2
                      16.2
                             15.7
                                   22.9
                                         25.7
                                                31.1
                                                      26.5
                                                            20.8
                                                                  13.8
                                                                          7.8
                                                                                5.4
           2.1
                                   19.5
## 5234
                 2.1
                        4.7
                             13.0
                                         24.4
                                                25.5
                                                      25.9
                                                            23.3
                                                                   15.1
                                                                          6.6
                                                                                0.8
## 5235
          -2.4
                -2.5
                        5.8
                            14.8
                                   20.8
                                         25.6
                                                24.7
                                                      26.9
                                                            21.1
                                                                  15.3
                                                                          4.8
                                                                                3.8
                -2.5
## 5236
           0.5
                       7.8
                            15.9
                                   20.9
                                         25.0
                                                26.9
                                                      25.3
                                                            24.0
                                                                  16.1
                                                                         10.9
                                                                                7.6
## 5237
           1.0
                 4.3
                      11.5
                            15.6 19.0
                                         27.3
                                                27.4
                                                      26.9
                                                            24.1
                                                                  18.5
                                                                         11.4
                                                                                1.6
## 5238
           3.3
                 9.1
                        9.9
                            17.0 20.4
                                         26.1
                                                29.0
                                                      24.2
                                                            23.0
                                                                  16.4
                                                                          8.8
                                                                                1.7
## 5239
          -1.0
                 3.3
                        6.2
                            10.0
                                   24.2
                                         26.6
                                                26.7
                                                      26.2
                                                            23.9
                                                                  15.4
                                                                          3.7
                                                                                3.6
## 5240
          -0.7
                 1.6
                       5.9
                             14.7
                                   19.9
                                         24.0
                                                27.4
                                                      25.7
                                                            25.5
                                                                  14.0
                                                                          5.4
                                                                                4.3
           2.1
                            12.6
                                         25.9
                                                            21.6
## 5241
                 2.9 10.4
                                  18.2
                                                27.9
                                                      25.3
                                                                  13.6
                                                                         10.6
                                                                                3.4
## 5242
           1.7
                -3.0
                      11.2
                            14.0
                                   18.5
                                         26.1
                                                26.4
                                                      27.3
                                                            23.8
                                                                  17.7
                                                                          8.2
                                                                                8.1
## 5243
          -1.4
               13.0 12.3
                            18.0
                                  23.3
                                         24.6
                                                32.2
                                                      35.2
                                                            34.9
                                                                  31.7
                                                                         23.7
                                                                               18.6
                     14.2
                            18.0
                                  22.8
                                         29.6
                                                32.7
                                                      36.2
## 5244
          13.4
                13.1
                                                            36.3
                                                                   32.3
                                                                         26.4
                                                                               18.7
## 5245
                      -4.8
                              0.8 12.8
                                                18.5
                                                            -0.2
                                                                  -8.1
          12.3
                13.1
                                         18.1
                                                       9.1
                                                                          5.2
                                                                               13.1
## 5246
               19.6 16.5
                            -4.4
                                   21.5
                                         18.5
                                                15.4 -10.3
                                                            -4.6
          19.8
                                                                    8.0
                                                                         12.4
                                                                               18.2
                13.9
                       5.2
                            -4.5
                                                17.5
                                                      22.2
                                                            20.4
## 5247
          20.4
                                    9.2
                                         14.5
                                                                  16.5
                                                                          9.2
                                                                                3.2
                             16.6
                                  -4.8
                                         -2.4
## 5248
          -5.5
                 6.2
                      19.8
                                                 7.8
                                                      21.6
                                                            21.0
                                                                  10.9
                                                                          1.9
                                                                               -5.4
## 5249
          -4.1
                 6.2
                      12.6
                             21.6 19.5
                                         15.3
                                                10.4
                                                      -5.6
                                                             5.8
                                                                  12.4
                                                                         17.9
                                                                               20.9
          19.1
## 5250
                15.5
                       2.1
                            -8.3 -12.2
                                         14.8
                                                15.8
                                                      20.8
                                                            18.2
                                                                    8.2
                                                                          4.9
                                                                               -4.0
## 5251
                      21.3
                             21.3
                                   4.5
                                         -2.8
                                                -3.3
                                                                                2.7
          -3.0
                13.0
                                                      11.6
                                                            17.9
                                                                   20.4
                                                                         13.5
                                                            10.8
## 5252
          -6.3
                 4.8
                      14.4
                             17.4
                                  21.8
                                         16.6
                                                 7.5
                                                       0.4
                                                                  17.0
                                                                         22.4
                                                                               15.5
          10.1
                      -3.8
                              5.3 12.6
                                         21.7
## 5253
                -3.9
                                                19.8
                                                      16.1
                                                             9.0
                                                                    4.5
                                                                         -0.7
                                                                               -4.1
                                                             3.1
## 5254
          -4.7
                 7.9 13.1
                            20.0
                                  18.6
                                         20.9
                                               16.7
                                                      11.1
                                                                  -2.4
                                                                         -8.7
                                                                               16.3
           8.9
                       0.8 -4.7 12.0 16.1 24.0 24.7 25.4 22.0
## 5255
                 2.2
                                                                        15.3
                                                                                7.9
```

```
3.4 -8.6 -5.7 -11.9
## 5256
           6.0 - 1.5
                       5.9
                                                     15.2
                                                             8.8 -11.8
                                                                          8.0 14.6
## 5257
          -3.5 21.5
                      21.3
                            18.1
                                  11.4
                                          5.8
                                               -5.3
                                                      -0.6
                                                             9.7
                                                                 12.4
                                                                        20.8
                                                                              18.3
                                                      20.3
## 5258
          17.2
                 1.7
                      19.7
                              5.6
                                  13.3
                                         20.0
                                               22.5
                                                            14.8 -2.9
                                                                         -5.5 - 10.4
## 5259
                            21.0
                                   21.5
                                         16.9
                                               12.5
                                                            -1.2 -10.5
           8.3 13.6
                      21.4
                                                       1.8
                                                                        13.5
                                                                                4.0
## 5260
          -7.4 - 16.5
                       4.2
                            11.5
                                   20.1
                                         22.8
                                               19.6
                                                      15.8
                                                             7.9
                                                                  -1.2 -13.0 -15.8
## 5261
          -7.5
               -2.8
                       4.1
                            11.0 17.0
                                        23.0
                                               27.8
                                                      24.7
                                                            17.7
                                                                  14.1
                                                                          5.4
                                                                               -1.1
          -0.9 -0.3
                      13.4
                            13.9
                                   20.4
                                         24.5
                                               29.4
                                                      24.3
                                                            18.5
                                                                  11.8
## 5262
                                                                          6.1
               -1.4
          -3.4
                       0.4
                                   16.3
                                         22.2
                                               25.3
                                                      24.4
                                                            22.0
                                                                               -5.0
## 5263
                             7.8
                                                                  11.6
                                                                          3.1
                -5.6
## 5264
          -6.0
                        2.4
                            11.0
                                   17.7
                                         23.1
                                               23.3
                                                      24.2
                                                            19.7
                                                                  12.5
                                                                          1.1
                                                                               -0.2
## 5265
          -2.7
                -6.0
                                  15.9
                                                            21.8
                        6.2
                            12.7
                                         23.1
                                               24.9
                                                      22.8
                                                                  13.9
                                                                          6.9
                                                                                1.2
                 1.3
## 5266
          -4.5
                        8.4
                            11.8
                                  17.2
                                         26.1
                                                25.4
                                                      24.1
                                                            21.2
                                                                  14.7
                                                                          8.3
                                                                               -2.8
          -2.4
## 5267
                 3.0
                        6.0
                            12.3
                                  17.2
                                         24.5
                                               26.9
                                                      22.4
                                                            21.4
                                                                  12.8
                                                                          4.9
                                                                               -2.1
## 5268
          -5.3
                -4.5
                        4.3
                              7.1
                                  21.4
                                         25.4
                                               25.3
                                                      24.2
                                                            20.6
                                                                  10.6
                                                                          0.9
                                                                               -1.2
                -7.8
## 5269
          -4.1
                            12.8
                                   16.6
                                         23.5
                                               26.1
                                                      24.1
                                                            23.2
                                                                  10.1
                                                                                0.2
                        1.4
                                                                          3.1
## 5270
          -2.9
                -1.2
                        6.6
                            10.5
                                   14.8
                                         24.8
                                               25.0
                                                      23.4
                                                            17.9
                                                                  10.0
                                                                          7.2
                                                                               -1.3
                -8.9
## 5271
          -2.1
                       8.0
                            11.1
                                   16.0
                                         24.4
                                               24.2
                                                      24.2
                                                            20.7
                                                                  13.4
                                                                          6.0
                                                                                1.7
## 5272
          -5.6
                 7.3
                      18.9
                             24.4
                                   28.0
                                         28.5
                                               28.8
                                                      26.1
                                                            20.9
                                                                  15.6
                                                                          6.6
                                                                                7.4
## 5273
          13.1
                16.4
                      20.8
                            23.7
                                   28.7
                                         28.7
                                               29.3
                                                      25.0
                                                            18.4
                                                                  15.8
                                                                         13.5
## 5274
          14.2
               19.8
                      20.4
                            24.5
                                   25.5
                                         27.9
                                               27.1
                                                      25.3
                                                            20.8
                                                                  13.4
                                                                         13.4
                                                                               14.0
## 5275
          12.2
               11.7
                      18.4
                            21.2
                                   26.7
                                         26.8
                                               27.6
                                                      25.4
                                                            19.9
                                                                  14.5
                                                                         13.6
                                                                                7.6
                13.3
                                                                  11.9
                                                                         12.5
## 5276
          12.3
                      18.8 23.2
                                   26.7
                                         27.7
                                               27.8
                                                      25.1
                                                            20.7
                                                                                9.4
## 5277
           9.7
                16.4
                      20.7
                            24.6
                                   26.2
                                         27.5
                                               26.7
                                                      24.2
                                                            19.7
                                                                  17.6
                                                                         16.7
                                                                                8.9
                                               27.0
## 5278
          12.7 17.4
                      18.8
                            22.6
                                   26.6
                                         28.2
                                                      25.2
                                                            20.1
                                                                  15.0
                                                                        13.4
                                                                               13.6
## 5279
          15.9
                15.9
                      20.8
                             23.6
                                   25.7
                                         26.7
                                               27.2
                                                      24.7
                                                            21.1
                                                                  14.8
                                                                         11.6
                                                                                8.0
                                                            22.1
          17.1 14.4 18.3
                             23.9
                                   27.1
                                         27.2
                                               27.1
                                                      26.8
## 5280
                                                                  14.4
                                                                        12.3
                                                                               10.7
                             25.9
                                   26.6
## 5281
          16.3 15.8
                     19.7
                                         28.4
                                               28.0
                                                      26.5
                                                            22.2
                                                                  13.2
                                                                         13.1
## 5282
          13.1
                19.0
                      19.1
                            22.2
                                   25.5
                                         27.0
                                               26.6
                                                      25.5
                                                            22.7
                                                                  17.8
                                                                          9.7
                                                                               10.8
## 5283
                      18.2
                            22.5
                                   25.6
                                         26.1
                                               26.4
                                                      24.2
                                                            20.5
                                                                  12.7
          11.8 16.7
                                                                         15.4
                                                                                9.5
## 5284
                      19.3
                                         22.0
                                                            14.2
          10.8 12.3
                            26.1
                                   25.3
                                               17.8
                                                      12.2
                                                                  22.9
                                                                         26.1
                                                                               25.5
## 5285
          25.9
                18.9
                       6.8
                            12.4
                                   17.7
                                         23.0
                                               24.6
                                                      26.3
                                                            26.2
                                                                  19.1
                                                                          9.9
                                                                                9.2
## 5286
           9.4
               24.1
                      26.5
                             26.0
                                   23.0
                                         19.1
                                               13.0
                                                       6.5
                                                             7.1
                                                                   7.9
                                                                         15.5
                                                                               20.4
## 5287
          24.1
                24.8
                      24.6
                             21.9
                                   18.0
                                          8.9
                                               12.2
                                                       5.3
                                                            10.4
                                                                  21.0
                                                                         20.5
                                                                               -6.5
                       9.9
                                                                  -5.3
                                                                         -3.1
## 5288
          17.7
               21.8
                            17.8
                                   -6.3
                                         11.2
                                                15.8
                                                      17.0
                                                             8.4
                                                                                6.2
## 5289
          23.1
               18.0
                       5.7
                             -3.9
                                   13.0
                                         20.9
                                                5.2
                                                      -4.4
                                                            -1.6
                                                                  -4.8
                                                                        -3.1
                                                                               11.2
## 5290
          18.4 22.1
                      19.9
                            13.8
                                    4.7
                                         -2.0
                                                -4.0
                                                      -8.0
                                                             6.6
                                                                  11.8
                                                                         19.8
                                                                               19.6
## 5291
          20.5 15.0
                      11.8
                              2.1
                                  -1.1
                                         -8.2
                                               -8.3
                                                       5.0
                                                             6.9
                                                                  -3.5
                                                                         12.4
                                                                               15.6
## 5292
          -3.4 -1.8
                      16.3
                            -5.8
                                    9.4
                                          1.7
                                                -5.8
                                                       5.9
                                                            12.1
                                                                  20.8
                                                                        14.9
## 5293
           2.2 - 11.7
                       5.8
                            -2.7
                                    5.5
                                          5.1
                                               12.3
                                                      18.3
                                                            21.6
                                                                  20.0
                                                                        15.6
                                                                                4.7
## 5294
          -3.5
               15.5
                      19.7
                             20.9
                                   22.7
                                         24.0
                                               26.9
                                                      26.8
                                                            27.3
                                                                  27.1
                                                                        18.8
                                                                               15.0
                       1.0
                                  13.9
                                                       4.0
                                                            -2.7
## 5295
          16.1
                 3.9
                              4.5
                                         17.3
                                               19.3
                                                                   2.1
                                                                          8.0
                                                                               12.4
## 5296
          15.6
               22.0
                      13.8
                              2.6
                                    5.8
                                         15.1
                                               19.5
                                                      15.4
                                                            -1.2
                                                                   7.5
                                                                        12.8
          20.5
## 5297
                 6.8
                       3.4
                              9.7
                                   14.2
                                         18.8
                                               18.9
                                                      10.1
                                                            13.9
                                                                  17.5
                                                                         19.6
                                                                                0.3
                20.2
                      15.4
                              8.5
                                   4.9
                                         -2.0
                                                7.1
                                                            15.8
                                                                  20.5
## 5298
           8.5
                                                      13.1
                                                                         20.5
                                                                               16.3
## 5299
           6.9
                 2.4
                       8.0
                                  15.2
                                         22.1
                                               20.8
                                                      16.5
                                                             2.4
                                                                   1.8
                            13.1
                                                                          7.7
                                                                               14.1
## 5300
          19.6
                21.8
                      20.6
                            12.4
                                    0.9
                                         11.3
                                               13.6
                                                      16.7
                                                                  14.5
                                                            18.8
                                                                          9.8
                                                                               -5.4
                 7.7
                            17.0
                                   22.2
                                               16.3
## 5301
           0.7
                      12.8
                                         21.8
                                                       8.3
                                                             4.3
                                                                   0.0
                                                                          8.1
                                                                               15.2
                      20.5
## 5302
          15.9
                21.2
                             14.0
                                    8.9
                                          3.9
                                                8.8
                                                      14.1
                                                            16.8
                                                                  19.3
                                                                         20.9
                                                                                3.3
## 5303
           1.7
                 1.7
                       8.5
                            12.5
                                  15.0
                                         20.6
                                                             3.8
                                                                  -1.4
                                               16.6
                                                       9.1
                                                                          9.1
                                                                               12.5
## 5304
          19.9
                22.7
                      20.2
                            15.5
                                    8.8
                                          5.1
                                               -1.4
                                                      -0.8
                                                             6.9
                                                                   9.1
                                                                         -2.7
                                                                                4.3
                      -1.2 -11.0 -10.7
                                                3.7
                                                                          7.4
## 5305
          10.4 11.6
                                         -3.7
                                                       8.3
                                                            10.1
                                                                  10.2
                                                                                0.7
## 5306
         -10.2
                -6.3 -14.5
                            13.6
                                    4.5
                                          3.0
                                                 3.7
                                                      14.5
                                                            18.0
                                                                  23.5
                                                                         25.1
                                                                               25.0
                       7.9
## 5307
          21.2 17.4
                              9.3
                                    1.9
                                         -3.8
                                               19.6
                                                       9.9
                                                             3.1
                                                                  14.1
                                                                        17.4
                                                                               24.7
## 5308
          21.5 17.2
                       9.6
                              3.4
                                    7.6
                                         18.8
                                               25.4
                                                      22.4
                                                            21.7
                                                                   7.8
                                                                        14.2
                                                                               13.9
                                               25.4
## 5309
          25.2
                 2.5
                       2.7 11.6 17.1
                                         23.9
                                                       9.6
                                                             2.5
                                                                   1.0
                                                                        -2.4
                                                                               13.0
```

```
## 5310
          17.2 23.8
                       23.7 24.3
                                   21.1
                                          16.6
                                                  6.0
                                                        7.5 - 2.0
                                                                     23.6
                                                                           30.0
                                                                                  25.3
## 5311
          10.6
                11.4
                       25.6
                              29.0
                                    28.1
                                            9.8
                                                  8.7
                                                       13.1
                                                              23.1
                                                                     26.0
                                                                           28.1
                                                                                  25.7
                              25.1
                                                                           26.3
## 5312
          18.6
                  7.6
                       13.8
                                    28.3
                                          23.3
                                                 20.0
                                                        15.1
                                                              23.0
                                                                     27.2
                                                                                  25.0
## 5313
                                    22.0
                                          27.5
                                                 15.4
          22.4
                 14.2
                       10.3
                              14.1
                                                         9.1
                                                              16.0
                                                                     24.7
                                                                           19.2
                                                                                  13.5
## 5314
           6.2
                  9.5
                       22.2
                              25.4
                                    25.6
                                           28.3
                                                 25.6
                                                        20.2
                                                              14.5
                                                                      7.5
                                                                           11.8
                                                                                  18.1
## 5315
          28.8
                27.3
                       23.0
                               8.5
                                    17.8
                                          22.6
                                                 27.9
                                                        23.8
                                                              17.4
                                                                      6.6
                                                                           19.3
                                                                                  25.0
                 30.6
                        6.8
                             10.2
                                    23.4
                                          30.3
                                                 32.1
                                                        19.7
                                                              10.8
                                                                     11.9
## 5316
          28.2
                                                                           20.8
          27.5
                 28.5
                       28.8
                              25.1
                                                                     22.2
                                                                           27.6
## 5317
                                    18.7
                                          14.4
                                                  9.9
                                                        11.0
                                                              17.4
                                                                                  27.7
## 5318
          29.4
                 27.2
                        8.8
                              18.4
                                    22.3
                                           26.4
                                                 27.1
                                                        25.7
                                                              11.2
                                                                     19.8
                                                                           22.9
                                                                                  27.1
          29.8
                 29.0
                       26.7
                              21.4
                                    14.9
                                            8.8
                                                              30.0
                                                                           26.5
## 5319
                                                 12.9
                                                        27.8
                                                                     28.6
                                                                                  16.8
  5320
          11.9
                 15.6
                       19.9
                              22.0
                                    26.4
                                          28.4
                                                 26.9
                                                        24.7
                                                              19.6
                                                                     15.8
                                                                            6.5
                                                                                  11.5
                       29.2
                                                                     27.9
## 5321
          16.7
                 25.6
                              25.4
                                    19.2
                                            8.3
                                                        23.5
                                                              25.9
                                                                           29.8
                                                                                  28.6
                                                 11.0
##
  5322
          19.1
                 10.8
                       10.3
                              18.1
                                    22.9
                                          27.1
                                                 28.7
                                                        29.3
                                                              23.8
                                                                     16.1
                                                                            9.9
                                                                                   8.9
## 5323
          11.9
                       19.7
                              20.2
                                    24.6
                                          26.9
                                                 20.2
                                                        13.5
                                                              11.0
                                                                     10.0
                                                                           11.0
                 15.1
                                                                                 16.4
## 5324
          17.7
                 23.5
                       26.6
                              25.7
                                    23.6
                                           16.9
                                                 15.6
                                                         9.6
                                                              10.6
                                                                    15.7
                                                                            9.3 -11.8
## 5325
           9.6
                 15.2
                        8.9
                               6.8
                                     6.9
                                           13.9
                                                 21.2
                                                        15.4
                                                              -5.2 -11.3
                                                                            9.1
                                                                                  14.6
## 5326
          23.0
                 22.0
                       21.7
                              18.2
                                    12.5
                                            2.8
                                                 -1.7 -11.1
                                                               7.9
                                                                      4.0
                                                                           21.2
                                                                                  25.8
## 5327
          26.8
                 26.3
                       20.2
                               9.7
                                     4.0
                                            3.3
                                                 14.5
                                                        23.3
                                                              26.4
                                                                     29.2
                                                                           18.5
                                                                                   3.3
           5.6
  5328
                 27.5
                       25.5
                              15.7
                                    20.8
                                          27.1
                                                 25.4
                                                        24.5
                                                              18.5
                                                                     28.6
                                                                           16.7
##
                                                                                  10.7
## 5329
          19.9
                 28.2
                       11.6
                              18.1
                                    14.7
                                            5.2
                                                 20.4
                                                        25.9
                                                              25.7
                                                                     22.8
                                                                           16.3
                                                                                   7.8
                21.4
                              26.1
                                            2.9
## 5330
           0.4
                       24.4
                                    17.4
                                                 -0.1
                                                        17.0
                                                              24.8
                                                                     23.2
                                                                           17.3
                                                                                   7.6
## 5331
          27.3
                 27.9
                       26.8
                              24.4
                                    13.0
                                          18.3
                                                 20.8
                                                        25.4
                                                              27.3
                                                                     24.5
                                                                           22.4
                                                                                  17.2
## 5332
          11.1
                  7.9
                       12.7
                              25.0
                                    24.0
                                            4.2
                                                 16.8
                                                        22.4
                                                              25.3
                                                                     26.7
                                                                           26.2
                                                                                  26.1
  5333
           6.4
                  6.5
                       15.0
                              20.5
                                    25.9
                                          28.4
                                                 25.5
                                                        16.0
                                                               6.3
                                                                           11.1
##
                                                                      5.6
                                                                                  11.9
                13.1
                              17.7
                                          19.6
                                                              13.6
                                                                                  11.3
## 5334
          12.0
                       16.7
                                    17.3
                                                 18.7
                                                        18.6
                                                                     11.7
                                                                           11.5
   5335
          10.8
                11.4
                       12.3
                              14.9
                                    15.5
                                          15.8
                                                 15.2
                                                        14.0
                                                              13.4
                                                                     10.1
                                                                           10.8
##
  5336
          29.8
                 28.9
                       22.7
                              20.0
                                     9.1
                                            4.2
                                                  2.9
                                                         5.8
                                                              10.5
                                                                     26.8
                                                                           29.6
                                                                                  27.0
   5337
                 24.2
                       32.1
                              33.7
                                    33.9
                                           23.1
                                                 25.4
                                                        30.5
                                                                     24.7
                                                                           27.8
##
          26.7
                                                              29.1
                                                                                  30.6
                 35.4
                       34.4
                              34.3
                                          29.2
                                                              25.2
## 5338
          31.5
                                    22.8
                                                 31.4
                                                        29.6
                                                                     25.7
                                                                           31.4
                                                                                  35.4
## 5339
          35.7
                 32.9
                       33.8
                              22.7
                                    24.2
                                           28.2
                                                 27.6
                                                        25.1
                                                              27.2
                                                                     36.0
                                                                           34.0
                                                                                   6.8
## 5340
           8.6
                 10.6
                       19.5
                              25.5
                                    28.5
                                           26.2
                                                 25.0
                                                        17.3
                                                              10.1
                                                                      6.4
                                                                            7.5
                                                                                   8.3
##
  5341
          11.7
                 24.5
                       25.9
                              28.6
                                    27.1
                                           24.9
                                                 14.1
                                                         8.9
                                                               3.6
                                                                      4.6
                                                                            6.8
                                                                                   9.9
                       30.2
## 5342
          21.6
                 28.2
                              28.7
                                    20.9
                                           17.0
                                                  8.1
                                                         7.8
                                                               9.6
                                                                     10.3
                                                                           14.1
                                                                                  22.4
          28.6
                                                                           27.3
## 5343
                 28.2
                       30.2
                              16.0
                                    11.3
                                            6.1
                                                  4.8
                                                         8.2
                                                               9.9
                                                                     20.8
                                                                                  27.5
## 5344
          28.8
                 24.8
                       19.1
                               9.7
                                     3.6
                                            4.7
                                                  9.4
                                                        11.5
                                                              20.4
                                                                     27.2
                                                                           31.7
                                                                                  28.5
## 5345
          24.0
                21.7
                       11.0
                               6.2
                                     5.1
                                            7.4
                                                 14.6
                                                        21.6
                                                              27.0
                                                                     31.8
                                                                           27.9
                                                                                  24.1
## 5346
          17.1
                 12.3
                        7.7
                               5.7
                                     7.3
                                           13.2
                                                 21.0
                                                        27.6
                                                              30.5
                                                                     28.1
                                                                           25.2
                                                                                  18.6
## 5347
          11.2
                  3.0
                        5.6
                              11.6
                                     8.8
                                           18.2
                                                 25.2
                                                        30.3
                                                              28.7
                                                                     20.0
                                                                           11.0
                                                                                   6.3
  5348
           6.2
                 11.3
                       23.3
                              26.1
                                    28.9
                                           30.1
                                                 25.9
                                                        19.4
                                                               9.3
                                                                      4.3
                                                                            5.2
                                                                                   7.1
##
                 22.1
                       25.1
                              29.1
## 5349
          13.3
                                    28.8
                                          24.5
                                                 18.1
                                                         9.4
                                                               6.3
                                                                      8.3
                                                                            7.5
                                                                                  15.3
  5350
          22.0
                 30.3
                       32.4
                              25.8
                                    17.3
                                            7.2
                                                  7.2
                                                         6.9
                                                              13.1
                                                                     11.7
                                                                           18.2
          29.9
## 5351
                 30.5
                       26.1
                             12.5
                                    16.6
                                          22.4
                                                 29.7
                                                        23.5
                                                              10.0
                                                                      8.1
                                                                            8.6
                                                                                  12.3
                 20.4
                       25.2
                              28.2
                                    24.3
                                                  7.9
                                                         9.1
                                                              11.6
##
  5352
          12.5
                                          13.6
                                                                     17.8
                                                                           27.9
                                                                                  29.5
  5353
          16.9
                  7.7
                        5.9
                               7.0
                                                        27.4
                                                              19.6
                                                                     12.0
##
                                    13.3
                                          14.6
                                                 24.3
                                                                            5.6
                                                                                   5.8
## 5354
           9.3
                10.3
                       20.7
                              27.7
                                           25.0
                                                 16.8
                                    31.4
                                                        11.8
                                                              10.5
                                                                      7.4
                                                                           12.3
                                                                                  13.7
          27.7
                 29.8
                       26.5
                              21.3
## 5355
                                     8.6
                                            6.3
                                                  6.5
                                                        16.4
                                                              21.8
                                                                     26.9
                                                                           23.3
                                                                                   9.1
## 5356
          31.1
                 31.2
                       28.6
                              23.0
                                    15.3
                                            8.8
                                                  3.2
                                                         1.9
                                                               8.0
                                                                     23.5
                                                                           15.8
                                                                                  10.3
## 5357
           2.8
                  8.9
                       20.7
                              28.2
                                    31.5
                                          31.4
                                                                      5.8
                                                 26.3
                                                        19.1
                                                              14.1
                                                                            9.1
                                                                                   8.4
  5358
          25.4
                 32.1
                       29.5
                              27.5
                                    17.1
                                          12.8
                                                  5.3
                                                         7.3
                                                               8.8
                                                                     14.5
                                                                           18.3
                                                                                  27.7
                                     7.4
                                            7.5
                                                              29.7
## 5359
          32.0
                 18.2
                       10.6
                               8.4
                                                 18.4
                                                        25.8
                                                                     30.6
                                                                           26.1
                                                                                  19.1
## 5360
           9.6
                  6.5
                        8.6
                               9.2
                                    17.6
                                          23.7
                                                 28.4
                                                        29.8
                                                              30.8
                                                                     27.1
                                                                           19.2
                                                                                  13.3
                        8.2
                             22.3
## 5361
           6.7
                  6.1
                                    29.8
                                          31.7
                                                 29.2
                                                        24.7
                                                              15.6
                                                                     11.8
                                                                            6.9
                                                                                  10.4
## 5362
          10.9
                 22.9
                       28.8
                             31.7
                                    28.1
                                          26.5
                                                  7.6
                                                         9.8
                                                              13.2
                                                                     20.5
                                                                           29.9
                                                                                  29.0
                                                              20.8
## 5363
          31.0 27.4 19.6
                               7.7
                                     5.5
                                            6.6
                                                 11.5
                                                       16.7
                                                                    30.3
                                                                           31.9
                                                                                  30.5
```

```
## 5364
          25.1 19.7 12.7
                               6.6
                                     6.7 10.8 17.5
                                                      22.1
                                                              29.8
                                                                    32.4
                                                                           30.0
                                                                                 24.2
                 14.1
                        8.5
                             10.4
                                     9.1
                                          19.0
                                                 22.4
                                                       29.7
                                                              32.7
                                                                    31.5
                                                                           27.3
                                                                                 11.9
## 5365
          19.1
                              30.8
## 5366
           7.4
                  7.4
                        5.6
                                    30.5
                                          24.9
                                                 16.4
                                                       12.2
                                                               6.4
                                                                     7.9
                                                                            9.7
                                                                                 16.6
                       31.7
                             31.9
                                                         7.5
                                                                      9.4
## 5367
          23.6
                27.4
                                    27.3
                                          19.0
                                                 12.4
                                                               7.6
                                                                           18.5
                                                                                 22.8
## 5368
          30.8 32.2
                       31.2
                             26.8
                                    16.9
                                          15.3
                                                  7.3
                                                         7.9
                                                              -3.5 -15.8
                                                                            4.2 -10.9
## 5369
           6.6 - 12.2
                        9.3 -13.0 -13.1 -17.7
                                                 -3.8
                                                         3.9
                                                               9.5
                                                                    10.9
                                                                            9.3
                                                                                   2.5
          -3.8 -16.7 -15.7 -15.7
                                     0.5
                                            3.1
                                                  5.9
                                                              14.8
                                                                    19.7
## 5370
                                                       11.3
                                                                           11.7
                                                                                   1.6
                  7.6
                      14.6
                             23.1
                                    12.7
                                                         0.2
                                                                           22.3
## 5371
          -1.3
                                            3.0
                                                  0.1
                                                               2.3
                                                                      3.3
                                                                                 23.6
## 5372
          19.2
                  9.0
                        5.1
                               1.4
                                    -1.7
                                          25.5
                                                 22.8
                                                       17.9
                                                              14.8
                                                                      4.5
                                                                           -1.2
                                                                                 -3.2
           0.1
                       14.7
                              20.3
                                    25.4
                                          21.3
                                                               5.3
                                                                                  0.8
## 5373
                  8.1
                                                 17.7
                                                       10.4
                                                                      1.3
                                                                           -1.0
   5374
           7.5
                 14.5
                       21.3
                              25.1
                                    22.1
                                          19.0
                                                 11.9
                                                         4.1
                                                              -4.3
                                                                     -0.9
                                                                            5.3
                                                                                   3.1
                       24.7
## 5375
          11.6
                 20.1
                              22.8
                                    18.8
                                          13.0
                                                  4.6
                                                         0.0
                                                              -1.4
                                                                      4.0
                                                                            6.4
                                                                                 18.5
##
  5376
          20.2
                 22.9
                       23.8
                             18.7
                                    13.2
                                            2.6
                                                 -2.5
                                                       -1.4
                                                               1.1
                                                                      8.1
                                                                           16.4
                                                                                 18.7
          23.4
                22.7
                       18.0
                             11.9
                                                         0.4
                                                               8.2
                                                                    15.2
## 5377
                                     2.3
                                           -0.7
                                                  1.0
                                                                           23.1
                                                                                 26.1
## 5378
          24.7
                 18.0
                       10.0
                             -0.3
                                    -0.4
                                            6.0
                                                  5.2
                                                       12.1
                                                              17.4
                                                                    23.4
                                                                           23.2
                                                                                 19.6
## 5379
          11.9
                 7.5
                        1.3
                               1.0
                                     4.3
                                            6.5
                                                 16.2
                                                       18.2
                                                              20.3
                                                                    23.0
                                                                           18.1
                                                                                 10.7
## 5380
          16.9
                 23.8
                       23.9
                              17.4
                                    14.6
                                          20.0
                                                 22.9
                                                       21.5
                                                              18.2
                                                                    12.6
                                                                           17.3
                                                                                 22.1
##
  5381
          23.9
                 17.8
                        0.8
                             -2.0
                                    -0.8
                                          18.4
                                                 22.8
                                                       19.5
                                                              13.3
                                                                    -0.4
                                                                            3.3
                                                                                   4.7
          22.4
## 5382
                 26.1
                       18.7
                             -0.2
                                     4.1
                                          15.6
                                                 14.5
                                                       -0.9
                                                               9.9
                                                                    24.4
                                                                           22.3
                                                                                   1.0
## 5383
           2.8
                 22.8
                        2.1
                               4.3
                                    -2.0
                                            2.7
                                                 11.0
                                                       16.6
                                                              22.4
                                                                    23.8
                                                                           10.3
                                                                                  5.6
                                                       11.4
## 5384
          -1.8
                  1.8
                        9.2
                             14.1
                                    21.1
                                          24.7
                                                 18.8
                                                               6.9
                                                                    -2.2
                                                                            2.0
                                                                                   2.0
## 5385
           9.2
                25.3
                       20.5
                               9.6
                                     2.1
                                          11.1
                                                 21.1
                                                       25.4
                                                              22.5
                                                                    19.0
                                                                           11.9
                                                                                   3.1
           0.5
                 12.4
                       19.8
                             23.3
                                     2.3
                                          11.3
                                                 17.0
                                                       21.9
                                                              23.8
                                                                    20.2
                                                                           12.7
## 5386
                                                                                   0.2
          -1.5
                  1.5
                       11.6
                             15.9
                                    23.7
                                          25.5
                                                 22.9
                                                       18.3
                                                               9.6
                                                                      3.5
                                                                            3.9
                                                                                 16.4
##
  5387
          22.9
                22.1
                             14.0
                                                       24.2
                                                              20.1
                                                                    13.3
                                                                                 -0.8
## 5388
                       19.9
                                     5.7
                                          14.5
                                                 23.2
                                                                            2.7
   5389
           2.8
                 11.1
                       14.5
                              25.9
                                    24.4
                                          18.3
                                                 12.6
                                                         5.6
                                                              -1.6
                                                                      3.6
                                                                           10.7
                                                                                 16.2
##
  5390
          23.8
                 24.4
                       17.9
                              11.7
                                     6.4
                                            1.2
                                                  3.3
                                                         2.1
                                                              12.4
                                                                    16.1
                                                                           23.5
                                                                                 26.7
                  4.9
                        0.7
                               1.9
                                    12.0
                                          20.3
                                                 24.3
                                                               1.6
##
   5391
          24.7
                                                       18.1
                                                                     3.6
                                                                           10.8
                                                                                 17.2
                 25.5
## 5392
          20.9
                       25.7
                              20.4
                                    13.8
                                            4.4
                                                 -0.1
                                                         0.5
                                                               2.9
                                                                    11.6
                                                                           16.4
                                                                                 24.6
  5393
          26.4
                 24.4
                       20.0
                             10.0
                                     7.4
                                          -1.0
                                                  1.0
                                                         5.2
                                                              12.5
                                                                    19.1
                                                                           23.6
                                                                                 19.7
## 5394
          14.3
                  8.3
                        5.0
                             -1.7
                                    -6.3
                                          -6.9
                                                  7.9
                                                       13.3
                                                              20.3
                                                                    19.0
                                                                           21.9
                                                                                 16.3
##
   5395
          11.8
                  2.6
                       -1.5 -12.3
                                    -4.2
                                            8.6
                                                 16.3
                                                       25.4
                                                              28.4
                                                                    23.8
                                                                           18.4
                                                                                  7.9
                       -8.9
                              26.2
                                    27.9
                                                                           27.8
##
   5396
           3.7
                 -3.0
                                          27.6
                                                 26.7
                                                       27.2
                                                              28.2
                                                                    28.4
                                                                                 27.6
  5397
          26.4
                 25.0
                       25.3
                             25.9
                                    26.1
                                          26.7
                                                 27.8
                                                       27.5
                                                              28.4
                                                                    27.4
                                                                           27.1
                                                                                 26.3
##
                                          27.6
## 5398
          26.0
                 26.5
                       26.4
                             27.4
                                    28.3
                                                 27.0
                                                       27.9
                                                              28.0
                                                                    27.4
                                                                           25.9
                                                                                 25.3
## 5399
          24.7
                 25.0
                       25.6
                             25.8
                                    26.9
                                          27.2
                                                 27.5
                                                       27.6
                                                              27.0
                                                                    27.1
                                                                           25.0
                                                                                 25.2
## 5400
          25.4
                24.6
                       25.2
                             26.1
                                    27.0
                                          27.9
                                                 28.1
                                                       27.0
                                                              26.8
                                                                    25.5
                                                                           24.4
                                                                                 24.5
## 5401
          25.2
                 25.6
                       26.3
                             27.4
                                    27.6
                                          28.1
                                                 28.6
                                                       27.7
                                                              26.7
                                                                    25.6
                                                                           24.3
                                                                                 24.5
## 5402
          25.9
                 26.1
                       26.7
                              27.1
                                    28.2
                                          28.8
                                                 28.6
                                                       27.9
                                                              26.8
                                                                    25.8
                                                                           24.5
                                                                                 24.6
                       26.3
                                    28.1
## 5403
          25.3
                 25.6
                             27.4
                                          28.4
                                                 27.8
                                                       26.9
                                                              25.4
                                                                    24.4
                                                                           24.7
                                                                                 25.6
          24.8
                 25.9
                       27.7
                              28.3
                                    28.6
                                          28.9
                                                 28.5
                                                       26.8
                                                              25.8
                                                                    25.5
                                                                           25.4
                                                                                 26.0
## 5404
                             28.1
## 5405
          26.2
                 27.2
                       28.2
                                    28.3
                                          28.2
                                                 27.3
                                                       26.8
                                                              26.7
                                                                    25.9
                                                                           26.2
                                                                                 25.6
                 26.2
                       27.6
                              27.4
                                    27.9
                                          27.5
                                                 26.9
## 5406
          25.2
                                                       26.3
                                                              25.6
                                                                    25.3
                                                                           24.8
                                                                                 25.2
                 26.8
                       27.6
                             27.7
                                          27.8
                                                 26.9
                                                              25.7
## 5407
          26.2
                                    27.7
                                                       26.8
                                                                    25.6
                                                                           25.7
                                                                                 26.3
## 5408
                       27.6
                              28.2
                                    28.2
                                                 27.6
          24.7
                 26.5
                                          28.6
                                                       27.7
                                                              26.4
                                                                    25.6
                                                                           25.3
                                                                                 25.7
          25.4
                              27.7
                                    27.8
                                          27.9
                                                 26.9
## 5409
                 26.7
                       28.1
                                                       26.6
                                                              24.6
                                                                    24.2
                                                                           24.6
                                                                                 24.9
                       26.3
                                    27.4
                                          27.9
## 5410
          24.7
                 25.3
                              27.4
                                                 27.2
                                                       25.7
                                                              24.8
                                                                    24.3
                                                                           24.3
                                                                                 24.8
          25.6
                 26.1
                       27.6
                             27.7
                                    27.8
                                          28.1
                                                                    25.2
                                                                           24.6
                                                                                 24.5
## 5411
                                                 27.6
                                                       26.1
                                                              25.6
## 5412
          25.2
                 26.7
                       27.9
                             27.5
                                    28.0
                                          27.2
                                                 27.9
                                                       27.4
                                                              26.5
                                                                    25.1
                                                                           24.4
                                                                                 25.1
                       28.1
                              28.2
                                          28.2
                                                       27.7
                                                              25.5
## 5413
          25.3
                 26.7
                                    28.6
                                                 28.2
                                                                    25.0
                                                                           24.9
                                                                                 26.2
## 5414
          26.9
                 26.2
                       27.7
                              28.6
                                    29.2
                                          28.7
                                                 28.6
                                                       27.0
                                                              26.2
                                                                    25.4
                                                                           25.7
                                                                                 27.1
                       29.0
                                                              25.0
## 5415
          28.1
                 28.3
                             27.9
                                    28.2
                                          28.6
                                                 27.4
                                                       26.3
                                                                    24.6
                                                                           25.8
## 5416
          27.5
                 28.0
                       28.4
                             28.0
                                    27.5
                                          26.8
                                                 24.8
                                                       23.6
                                                              23.6
                                                                    24.2
                                                                           24.2
                                                                                 26.5
                                          27.0 25.2
## 5417
          27.7 28.0 28.6
                            28.3 27.8
                                                       24.3
                                                              25.7
                                                                    25.8
                                                                           26.7
                                                                                 27.6
```

```
## 5418
          28.4 27.3
                       26.6
                            27.3 24.7
                                          24.7 24.4
                                                       25.0
                                                             25.9
                                                                    26.7
                                                                          27.4
                                                                                 26.9
## 5419
          27.8
                26.4
                       25.7
                             24.6
                                   24.2
                                          25.0
                                                25.2
                                                       27.7
                                                             25.4
                                                                    25.2
                                                                          24.6
                                                                                 25.3
          26.3
                             28.1
                                   27.2
                                          24.6
                                                25.9
                                                             25.3
                                                                    26.9
## 5420
                26.1
                       28.2
                                                       24.8
                                                                          27.9
                                                                                 28.2
                28.2
                             26.2
                                    24.9
                                                25.3
## 5421
          27.8
                       27.1
                                          24.9
                                                       26.3
                                                             26.7
                                                                    27.9
                                                                          28.9
                                                                                 28.9
## 5422
          28.8
                27.3
                       26.5
                             25.2
                                    25.2
                                          26.2
                                                26.7
                                                       27.7
                                                             28.4
                                                                    29.6
                                                                          27.5
                                                                                 28.4
## 5423
          28.6
                26.3
                       25.8
                             25.3
                                   24.5
                                          25.7
                                                26.5
                                                       27.1
                                                             28.2
                                                                    29.1
                                                                          28.6
                                                                                 29.2
                       26.8
                             26.3
                                    25.9
                                          26.8
                                                27.4
                                                       27.8
                                                             28.9
                                                                    28.8
## 5424
          27.8
                27.6
                28.2
                       27.6
                             26.3
                                    26.3
                                          26.2
                                                25.2
                                                       26.5
                                                             27.3
                                                                    28.9
## 5425
          28.2
                                                                          29.1
                                                                                 29.1
## 5426
          28.8
                27.2
                       25.8
                             24.3
                                    24.8
                                          25.2
                                                25.2
                                                       26.5
                                                             27.4
                                                                    28.2
                                                                          28.7
                                                                                 29.1
                28.1
                       27.3
                             26.4
                                    26.7
                                          27.2
                                                27.8
                                                             28.8
                                                                    28.9
                                                                          29.9
                                                                                 28.4
## 5427
          29.1
                                                       28.7
## 5428
          28.4
                26.9
                       26.2
                             26.5
                                    26.4
                                          26.7
                                                 28.1
                                                       28.4
                                                             29.0
                                                                    28.5
                                                                          29.0
                                                                                 27.1
                       25.3
                             25.7
                                    26.2
                                          26.4
## 5429
          26.1
                25.4
                                                28.9
                                                       28.1
                                                             28.6
                                                                    28.3
                                                                          25.3
                                                                                 26.9
                                          27.8
## 5430
          27.8
                28.8
                       24.8
                             27.3
                                    27.7
                                                28.9
                                                       27.6
                                                             26.3
                                                                    25.8
                                                                          24.6
                                                                                 25.2
## 5431
          25.6
                26.9
                       27.8
                             28.6
                                   28.5
                                          27.8
                                                26.6
                                                             28.1
                                                                    28.9
                                                       27.4
                                                                          28.3
                                                                                 28.8
## 5432
          27.2
                26.1
                       25.5
                             25.4
                                    25.4
                                          26.3
                                                26.4
                                                       28.0
                                                             28.0
                                                                    29.3
                                                                          28.3
                                                                                 28.4
## 5433
          26.7
                24.9
                       24.9
                             25.9
                                    26.7
                                          27.2
                                                 28.7
                                                       28.7
                                                             29.2
                                                                    29.3
                                                                          28.6
                                                                                 27.3
          26.6
                25.8
                       25.9
                             25.9
                                    26.6
                                          27.4
                                                28.2
                                                       28.4
                                                             28.7
                                                                    28.7
                                                                          27.4
                                                                                 26.2
## 5434
## 5435
          26.2
                25.4
                       24.8
                             24.9
                                    26.2
                                          26.3
                                                28.2
                                                       29.2
                                                             29.4
                                                                    27.8
                                                                          27.5
                                                                                 26.4
          25.6
                                                28.8
## 5436
                25.0
                       26.0
                             27.4
                                   28.9
                                          29.5
                                                       29.4
                                                             28.5
                                                                    27.4
                                                                          25.3
                                                                                 25.4
## 5437
          26.8
                25.3
                       26.0
                             25.9
                                   25.2
                                          26.6
                                                28.0
                                                       28.4
                                                             28.3
                                                                    28.2
                                                                          27.8
                                                                                 25.1
                             27.8
## 5438
          25.9
                26.6
                       27.7
                                   28.1
                                          28.3
                                                28.0
                                                       26.5
                                                             26.1
                                                                    28.2
                                                                          27.7
                                                                                 26.7
## 5439
           2.4
                11.8
                       17.7
                             19.7
                                   20.2
                                          13.3
                                                -7.7 - 16.5
                                                              4.6
                                                                    10.8
                                                                          19.4
                             -0.5 -12.7 -12.8
## 5440
          18.9
                15.8
                        7.5
                                                21.5
                                                       20.7
                                                             23.1
                                                                    24.7
                                                                          26.0
                                                                                 27.7
          28.8
                29.2
                       28.5
                             27.1
                                    22.9
                                          23.5
                                                23.4
                                                       21.2
                                                             23.7
                                                                    24.9
                                                                          26.6
                                                                                 28.4
## 5441
          29.1
                30.8
                       28.7
                             27.9
                                   25.6
                                          23.8
                                                       24.6
                                                             23.9
                                                                    25.7
                                                                          27.5
                                                                                 29.2
## 5442
                                                21.3
                                          21.8
## 5443
          29.1
                29.4
                       27.9
                             26.0
                                   22.0
                                                20.3
                                                       19.9
                                                             22.7
                                                                    25.3
                                                                          27.2
## 5444
          30.4
                30.1
                       29.3
                             27.6
                                   24.4
                                          23.1
                                                18.1
                                                       18.0
                                                             19.9
                                                                    24.1
                                                                          27.9
                                                                                 30.2
## 5445
                29.5
                       28.6
                             26.5
                                   24.0
                                          17.3
                                                19.4
                                                             23.4
                                                                    27.0
                                                                          28.0
          29.0
                                                       22.5
                                                                                 29.4
                29.8
                       29.4
                             26.3
                                                21.5
                                                             24.7
                                                                    25.2
## 5446
          29.8
                                   24.6
                                          23.3
                                                       23.3
                                                                          26.9
                                                                                 28.5
                       27.9
## 5447
          28.0
                28.6
                             27.2
                                    22.2
                                          23.0
                                                23.4
                                                       22.9
                                                             20.8
                                                                    27.3
                                                                          27.6
                                                                                 29.5
## 5448
          28.2
                28.6
                       28.9
                             27.6
                                    25.3
                                          24.3
                                                20.6
                                                       24.3
                                                             23.2
                                                                    25.4
                                                                          27.2
                                                                                 28.6
##
  5449
          30.1
                30.2
                       28.7
                             26.8
                                   22.6
                                          22.7
                                                22.1
                                                       20.5
                                                             24.7
                                                                    27.3
                                                                          27.2
                                                                                 28.6
                29.9
                       29.3
                                   26.4
                                                                          26.5
## 5450
          30.1
                             27.6
                                          25.0
                                                21.1
                                                       20.6
                                                             23.7
                                                                    24.8
                                                                                29.1
## 5451
          29.7
                29.3
                       29.1
                             27.2
                                   24.3
                                          24.8
                                                22.8
                                                       24.3
                                                             23.4
                                                                    25.3
                                                                          27.4
                                                                                 29.1
                       27.2
## 5452
          29.9
                29.8
                             24.9
                                   22.7
                                          19.5
                                                24.8
                                                       22.4
                                                             26.3
                                                                    26.1
                                                                          28.4
                                                                                 29.9
## 5453
          29.3
                29.9
                       27.8
                             25.1
                                   24.0
                                          22.2
                                                25.1
                                                       24.5
                                                             26.2
                                                                    28.0
                                                                          29.3
                                                                                30.2
## 5454
          30.1
                29.1
                       28.7
                             25.2
                                   24.1
                                          22.2
                                                23.4
                                                       25.2
                                                             27.9
                                                                    27.0
                                                                          29.5
                                                                                 29.4
## 5455
          30.7
                29.8
                       27.8
                             25.4
                                    21.1
                                          20.3
                                                -0.4
                                                        2.9
                                                             11.8
                                                                    18.4
                                                                          22.7
                                                                                 27.2
## 5456
          27.2
                18.3
                       15.6
                              6.1
                                     1.7
                                          -1.0
                                                  6.1
                                                        6.8
                                                             15.9
                                                                    23.5
                                                                          26.7
                                                                                 27.0
                10.7
                        2.5
                             -0.3
                                           3.4
                                                             24.5
## 5457
          21.0
                                   -6.3
                                                  9.0
                                                       20.4
                                                                    27.8
                                                                          24.1
                                                                                 21.2
          13.9
                  6.3
                       -0.1
                             -7.5
                                   -6.2
                                           5.1
                                                17.6
                                                       24.9
                                                             28.2
                                                                    27.1
                                                                          23.6
  5458
                                                                                14.1
           5.9
## 5459
                -1.2
                      -9.7
                             -6.0
                                     6.7
                                          17.1
                                                23.5
                                                       25.7
                                                             22.6
                                                                    15.7
                                                                           4.7
                                                                                  2.1
                       25.9
                             18.9
                                           8.2
                                                23.1
                                                             23.9
## 5460
           6.8
                22.5
                                   10.2
                                                       -0.5
                                                                    10.0
                                                                           1.2
                                                                                 17.5
          25.7
                28.7
                       27.0
                             22.7
                                   -0.3
                                           0.3
                                                18.9
                                                              6.1
                                                                    -1.5
## 5461
                                                       14.8
                                                                          20.6
                                                                                 -1.8
                      19.0
                             23.2
                                           5.4
                                                       25.8
                                                             29.1
## 5462
           4.1
                  7.6
                                     8.4
                                                  2.1
                                                                    26.8
                                                                          18.8
                                                                                 13.6
           7.7
                      -0.2
                                          21.9
                                                15.4
                                                             -0.6
## 5463
                -1.8
                             26.4
                                    28.6
                                                       -1.8
                                                                    10.5
                                                                          17.9
                                                                                 26.8
## 5464
          24.9
                19.4
                       13.4
                              6.5
                                    -1.0
                                           3.8
                                                12.0
                                                       18.4
                                                             24.8
                                                                    23.9
                                                                          19.0
                                                                                  9.7
## 5465
           8.4
                -3.7
                       -1.2
                                   17.5
                                                27.4
                                                       27.6
                                                                    15.2
                                                                                -3.6
                             15.3
                                          26.3
                                                             21.8
                                                                           6.0
## 5466
          18.2
                26.2
                      19.5
                             14.6
                                     6.3
                                           1.2
                                                22.3
                                                       27.1
                                                             31.1
                                                                    25.2
                                                                          20.6
                                                                                13.1
                        1.3
                                                25.5
## 5467
           8.4
                 0.2
                             10.3
                                    18.0
                                          25.2
                                                        5.4
                                                             -1.4
                                                                    -1.9
                                                                          13.2
                                                                                 20.2
## 5468
          24.5
                27.5
                       21.0
                             15.1
                                     4.0
                                           0.3
                                                -1.1
                                                       14.3
                                                             17.7
                                                                    27.9
                                                                          25.0
                                                                                 24.5
## 5469
          16.1
                  9.2
                        5.8
                             15.0
                                    26.1
                                          22.7
                                                17.4
                                                       10.5
                                                              6.8
                                                                    14.3
                                                                          19.1
                                                                                26.2
## 5470
          29.3 24.7
                       23.9
                             15.3
                                     8.7
                                           1.6
                                                -0.5
                                                        1.0
                                                             10.0
                                                                    23.7
                                                                          26.9
                                                                                 25.0
## 5471
          21.2 12.2
                        3.1
                              1.1
                                   -0.6
                                          -2.6
                                                13.8
                                                      17.1 23.8 27.0
                                                                          25.1
                                                                                24.7
```

```
## 5472
          10.7
                  5.0
                        2.0
                               0.7
                                     1.9 12.1 17.0 26.6
                                                             26.7
                                                                    25.1
                                                                          19.7
                                                                                 12.1
## 5473
                                    12.1
           9.0
                        1.4
                                          17.0
                                                 25.9
                                                       26.6
                                                             27.0
                                                                    23.3
                                                                          15.4
                                                                                  8.2
                  2.0
                             -3.8
                                                                    20.1
                                                                                 10.7
## 5474
           4.8
                 -1.3
                        1.0
                             -1.4
                                     2.7
                                           9.8
                                                 12.7
                                                       19.1
                                                             23.2
                                                                          16.3
                       -0.9
                                                 14.3
                                                       18.3
## 5475
           8.1
                  4.9
                             -4.3
                                     3.0
                                           6.2
                                                             21.5
                                                                    21.8
                                                                          17.6
                                                                                 13.1
## 5476
           4.2
                  0.3
                       -1.0
                             -1.3
                                     3.4
                                           8.2
                                                 13.3
                                                       20.1
                                                              22.2
                                                                    19.2
                                                                          17.2
## 5477
           4.8
                  1.9
                       -5.5
                             -1.1
                                     3.0
                                          10.3
                                                 14.8
                                                       17.4
                                                             20.2
                                                                    22.0
                                                                          16.0
                                                                                11.0
## 5478
           9.4
                       -2.4
                             -0.2
                                     6.6
                                          10.6
                                                 17.1
                                                       19.6
                                                             23.5
                                                                    21.5
                  1.0
                                                                          19.1
           6.0
                       -4.2
                             -2.7
                                                 13.5
                                                       17.9
                                                             23.4
                                                                    23.3
## 5479
                  0.4
                                     3.9
                                           8.5
                                                                          18.3
                                                                                 11.9
## 5480
          10.2
                  4.5
                        0.1
                               1.5
                                     8.2
                                          10.4
                                                 14.4
                                                       18.2
                                                             22.8
                                                                    22.8
                                                                          17.2
                                                                                 12.9
           4.7
                      -0.5
                             -0.5
                                           8.4
                                                 14.9
                                                       20.9
                                                             24.6
                                                                    20.7
## 5481
                  3.6
                                     3.2
                                                                          18.2
                                                                                 12.1
## 5482
           6.0
                  0.8
                       -3.5
                             -3.0
                                     0.9
                                           9.0
                                                 14.4
                                                       18.9
                                                             22.5
                                                                    20.1
                                                                          16.9
                                                                    22.9
## 5483
           4.8
                  3.5
                       -4.8
                             -6.9
                                     0.5
                                           8.3
                                                 16.3
                                                       18.3
                                                             22.3
                                                                          19.8
                                                                                 10.7
## 5484
           7.9
                  7.1
                       -0.6
                               0.7
                                     5.6
                                           8.2
                                                 13.7
                                                       20.0
                                                             23.3
                                                                    23.3
                                                                          18.4
                                                                                 11.8
## 5485
           6.5
                        1.2
                               1.6
                                          10.6
                                                 13.2
                                                              21.5
                                                                    22.3
                  1.9
                                     1.2
                                                       21.1
                                                                          20.0
                                                                                 15.3
## 5486
           5.8
                 -0.8
                       -2.2
                               3.4
                                     2.6
                                           6.7
                                                 15.9
                                                       20.6
                                                             23.1
                                                                    25.0
                                                                          18.6
                                                                                 10.6
## 5487
           4.6
                  3.0
                       -2.0
                             -1.4
                                     3.9
                                           9.0
                                                 12.7
                                                       18.8
                                                             23.7
                                                                    21.4
                                                                          17.4
                                                                                 12.4
## 5488
           3.9
                  2.9
                        1.4
                               1.3
                                     5.5
                                           6.9
                                                 13.8
                                                       20.0
                                                             23.5
                                                                    22.5
                                                                          17.9
                                                                                 11.8
## 5489
           8.5
                  2.1
                       -0.7
                             -0.9
                                     5.6
                                           8.9
                                                 14.8
                                                       22.1
                                                              20.7
                                                                    23.3
                                                                          19.3
                                                                                 14.2
           5.6
                                                                          21.9
## 5490
                  2.8
                       -3.7
                             11.9
                                    20.2
                                          11.0
                                                 11.1
                                                       11.8
                                                              16.0
                                                                    16.9
                                                                                 25.1
## 5491
          24.5
                 22.9
                       17.1
                             16.1
                                    10.1
                                          11.8
                                                 21.6
                                                        3.7
                                                               2.6
                                                                     1.9
                                                                          11.8
                                                                                 16.9
                                                                    27.2
                                                                          29.0
## 5492
          22.5
                24.2
                       24.2
                             20.3
                                    16.5
                                           6.4
                                                  9.0
                                                       -0.1
                                                               8.0
                                                                                 15.3
## 5493
          19.1
                26.4
                       23.1
                               4.2
                                     5.8
                                          20.3
                                                 26.4
                                                       25.1
                                                               9.8
                                                                     3.9
                                                                           8.4
                                                                                 27.6
          26.1
                                                                    16.7
                12.1
                        2.0
                              1.0
                                    15.6
                                          27.1
                                                 17.3
                                                        9.0
                                                               3.5
                                                                          21.3
                                                                                 29.8
## 5494
          16.4
                  5.2
                       22.8
                             30.1
                                    27.7
                                          15.5
                                                 12.3
                                                        3.5
                                                             20.9
                                                                    27.2
                                                                          24.5
## 5495
                                                                                 15.9
          15.7
                                    26.3
                                                                    29.5
                26.3
                       22.1
                               3.3
                                           9.5
                                                              18.7
                                                                          25.6
                                                                                 23.1
## 5496
                                                  3.9
                                                       15.4
  5497
          19.9
                12.0
                        9.9
                             15.4
                                    19.5
                                          28.8
                                                 22.6
                                                       11.9
                                                               4.5
                                                                     5.3
                                                                          13.8
                                                                                 24.7
## 5498
          27.4
                27.2
                       22.7
                             18.4
                                    28.5
                                          28.9
                                                 26.7
                                                        8.6
                                                               6.8
                                                                     5.7
                                                                          15.9
                                                                                 22.4
   5499
                30.3
                       29.1
                             22.4
                                    15.7
                                                  5.3
                                                        5.5
                                                               1.0
                                                                    15.3
                                                                          20.0
##
          28.8
                                          12.5
                                                                                 27.2
## 5500
                       25.7
                             18.3
                                                  3.5
                                                                     0.4
          27.9
                27.7
                                   12.0
                                          10.5
                                                       24.3
                                                               0.1
                                                                          17.0
                                                                                 20.1
  5501
          25.7
                 18.1
                        4.1
                             -0.6
                                     1.6
                                           9.9
                                                 16.1
                                                       24.8
                                                              26.5
                                                                    22.5
                                                                          18.8
                                                                                  9.9
                             26.6
## 5502
           5.3
                  0.0
                      -1.7
                                    24.7
                                          13.2
                                                  6.4
                                                       12.9
                                                              23.0
                                                                    27.8
                                                                          24.6
                                                                                 18.4
##
  5503
          17.1
                13.1
                       11.4
                              9.9
                                    16.0
                                          21.5
                                                 23.5
                                                       26.1
                                                              27.6
                                                                    27.0
                                                                          26.2
                                                                                 21.7
          12.9
##
   5504
                  7.1
                       10.6
                             15.4
                                    18.9
                                          24.5
                                                 26.4
                                                       27.1
                                                              27.7
                                                                    24.3
                                                                          19.1
                                                                                 15.7
           8.3
  5505
                  9.6
                        9.4
                             16.9
                                    18.0
                                          23.1
                                                 26.3
                                                       27.6
                                                             26.0
                                                                    25.0
                                                                          22.9
##
                                                                                 16.1
                       12.7
                                                             23.4
##
   5506
           9.3
                12.1
                             13.7
                                    17.8
                                          22.0
                                                 26.3
                                                       27.9
                                                                    19.4
                                                                          22.7
                                                                                 26.8
  5507
          11.0
                18.7
                       27.0
                             19.1
                                     8.0
                                          19.3
                                                 24.9
                                                       28.1
                                                             28.6
                                                                    29.1
                                                                          25.9
                                                                                 20.2
##
## 5508
          14.6
                  8.0
                        7.9
                             11.8
                                   16.4
                                          20.9
                                                 23.0
                                                       29.0
                                                             28.7
                                                                    29.4
                                                                          23.8
                                                                                 17.5
##
  5509
          14.9
               11.5
                      12.9
                             13.7
                                    19.8
                                          20.1
                                                 24.6
                                                       27.2
                                                             28.1
                                                                    27.6
                                                                          25.0
                                                                                 19.3
## 5510
          12.6
               13.1
                       11.9
                             12.0
                                    12.0
                                          18.0
                                                 21.1
                                                       26.8
                                                              26.4
                                                                    27.2
                                                                          26.4
                                                                                 20.6
                        5.6
                             10.8
                                   13.5
                                                             26.9
                                                                          26.0
## 5511
          12.5
               10.7
                                          18.8
                                                 22.5
                                                       26.9
                                                                    28.2
                                                                                 20.2
## 5512
                12.4
                        8.4
                              8.2
                                    17.2
                                          21.1
                                                 23.0
                                                       26.3
                                                              28.5
                                                                    27.3
                                                                          25.0
          11.4
## 5513
          16.1
                15.1
                        8.6
                             12.3
                                    17.4
                                          19.7
                                                 22.7
                                                       26.9
                                                             27.5
                                                                    27.6
                                                                          26.1
                                                                                 20.5
                             15.5
                                    17.0
                                          20.2
                                                 21.9
                                                       24.8
                                                             27.0
                                                                    26.2
## 5514
          15.2
                12.3
                       13.5
                                                                          24.1
                                                                                 19.8
          14.4
                  9.8
                        6.2
                             16.6
                                   15.2
                                          16.9
                                                 24.4
                                                             27.3
                                                                    26.3
                                                                          26.0
## 5515
                                                       27.1
                                                                                 21.2
                        9.0
                                          17.8
                                                 24.4
                                                       26.9
                                                             27.6
## 5516
          11.9
                11.1
                             15.7
                                    14.6
                                                                    28.0
                                                                          27.6
                12.4
                             12.9
                                    20.0
                                          19.2
                                                 22.1
                                                             27.6
## 5517
          12.0
                       11.4
                                                       26.2
                                                                    26.7
                                                                          24.9
                                                                                 20.5
                        9.7
## 5518
          16.1
                  9.4
                               8.8
                                    16.5
                                          17.7
                                                 22.2
                                                       26.4
                                                             27.4
                                                                    27.9
                                                                          24.8
                                                                                 21.5
## 5519
          13.2
                15.8
                        8.3
                               9.8
                                     7.6
                                          12.4
                                                 20.6
                                                        9.3
                                                              7.5
                                                                    20.9
                                                                          28.7
                                                                                 12.2
## 5520
           9.9
                16.9
                       21.1
                             26.6
                                    26.3
                                          22.8
                                                 16.0
                                                       10.2
                                                              8.6
                                                                    17.0
                                                                          21.6
                                                                                 25.8
                       17.2
                                     4.7
                                          23.0
                                                       27.0
                                                              27.1
## 5521
          26.4
                23.0
                               6.4
                                                 27.2
                                                                    11.3
                                                                           4.5
                                                                                 10.8
## 5522
          18.9
                22.1
                       27.2
                             23.5
                                    16.3
                                          13.4
                                                 18.2
                                                       24.4
                                                             28.3
                                                                    25.7
                                                                          23.4
                                                                                 17.9
                        9.3
                                                 25.5
                                                             25.5
                                                                          18.2
## 5523
           9.1
                10.5
                              8.3
                                   17.4
                                          20.8
                                                       26.3
                                                                    23.1
                                                                                 11.3
## 5524
          18.5
                23.1
                       26.6
                             26.0
                                    23.5
                                          18.8
                                                  9.3
                                                        6.2
                                                              5.1
                                                                    17.9
                                                                          22.0
                                                                                 27.5
## 5525
                                                             28.6 27.8 13.0 11.0
          28.2 26.4 24.4
                            14.6
                                     8.6
                                          18.1 21.6
                                                       26.7
```

```
25.9 23.4 18.8 14.6 16.8
## 5526
          13.4 19.6 22.3 26.9
                                                                   23.9
                                                                         27.3
                                                                               27.0
## 5527
          27.1
                26.5
                      19.4
                             11.9
                                    8.6
                                         12.1
                                                18.7
                                                      26.4
                                                            28.7
                                                                   25.4
                                                                         11.9
                                                                               17.0
                25.3
                      26.9
                                         19.6
                                                                         18.4
## 5528
          19.7
                             25.3
                                  22.6
                                                14.2
                                                       6.6
                                                              6.7
                                                                   27.7
                                                23.6
## 5529
          23.5
                24.9
                      28.0
                             26.4
                                   16.7
                                         17.5
                                                      25.0
                                                            27.6
                                                                   28.0
                                                                         26.8
                                                                                26.8
## 5530
          21.3
                13.8
                      16.0
                             19.3
                                   22.3
                                         25.7
                                                26.9
                                                      27.4
                                                            27.6
                                                                   26.4
                                                                         24.8
                                                                                18.4
## 5531
          21.0
                16.4
                      18.4
                            12.5
                                   10.1
                                           1.7
                                                 0.1
                                                       1.0
                                                             2.8
                                                                   16.5
                                                                         24.5
                                                                                9.3
                      -3.5
                            -2.4
                                    5.4
                                         16.6
                                                21.1
                                                      26.0
                                                            13.8
## 5532
           4.3
                 1.2
                                                                    4.6
                                                                          0.6
                                                                               -2.3
           7.8
                            -3.7
                                                17.7
                                                      24.3
                                                            23.9
                                                                          6.8
## 5533
                23.1
                      14.0
                                    2.0
                                          6.0
                                                                   21.3
                                                                                18.5
## 5534
          23.6
                24.1
                        5.7
                             10.5
                                   19.7
                                         23.1
                                                25.5
                                                      26.2
                                                            20.0
                                                                   -4.6
                                                                         -3.8
                                                                                23.8
          12.4
                 5.0
                             22.4
                                   22.2
                                                      -6.6
                                                                   16.8
                                                                         25.4
## 5535
                        0.9
                                         17.9
                                                 9.1
                                                            -4.7
                                                                                5.2
   5536
          -6.2
                -2.2
                      12.4
                            14.6
                                   21.1
                                         24.8
                                                23.1
                                                      18.4
                                                            11.5
                                                                    6.7
                                                                         -1.5
                                                                               -0.5
                      -4.5
## 5537
          24.6
                20.8
                             -5.0
                                   11.7
                                         23.4
                                                24.3
                                                      19.1
                                                             13.6
                                                                    2.0
                                                                         -1.6
                                                                               -5.0
##
   5538
          13.0
                16.9
                      24.9
                             22.6
                                   22.1
                                         14.1
                                                 8.4
                                                      -2.5
                                                             3.4
                                                                   17.3
                                                                         26.0
                                                                                24.1
          21.4
                15.4
                        9.2
                             -1.6
                                         17.7
                                                23.9
                                                      21.7
                                                             21.4
                                                                   13.6
                                                                                -3.2
## 5539
                                    5.1
                                                                          6.1
## 5540
          22.4
                24.2
                      11.3
                             -5.3
                                   16.5
                                         23.2
                                                25.5
                                                      23.1
                                                              9.8
                                                                    3.7
                                                                         11.0
                                                                                16.2
## 5541
          25.3
                23.7
                      18.4
                             10.8
                                    8.0
                                          0.4
                                                -0.2
                                                      -3.6
                                                             0.3
                                                                   14.1
                                                                         17.5
                                                                                25.5
## 5542
          24.8 21.5
                      12.0
                              4.7
                                   -2.2
                                         -8.4
                                                -6.0
                                                       2.4
                                                            11.4
                                                                   18.9
                                                                         25.6
                                                                               23.6
## 5543
          16.3
                 7.7
                      -1.0
                            -7.0
                                   -3.1
                                           1.4
                                                 8.0
                                                      16.6
                                                            22.3
                                                                   21.8
                                                                         21.0
          14.8
## 5544
                      -4.0
                            -5.6
                                   -1.9
                                         -0.7
                                                17.4
                                                      19.1
                                                            23.7
                                                                   23.7
                                                                         16.4
                 1.9
                                                                               11.9
## 5545
           1.1
                -5.4
                      -4.7
                              1.8
                                    1.4
                                         10.5
                                                17.2
                                                      26.0
                                                            25.5
                                                                   22.6
                                                                         19.9
                                                                                10.5
## 5546
           4.5
                -2.5
                      -3.3
                              0.7
                                    5.1
                                           8.3
                                                16.5
                                                      25.1
                                                            25.5
                                                                   24.6
                                                                         20.2
                                                                                15.6
## 5547
           6.0
                -0.3
                      -6.7
                              4.5
                                    1.8
                                         13.1
                                                14.8
                                                      24.4
                                                            27.9
                                                                   21.2
                                                                         12.3
                                                                                7.3
          -0.3
## 5548
                -4.1
                      -5.8
                              2.4
                                   15.7
                                         19.4
                                                20.6
                                                      28.4
                                                            26.8
                                                                   21.2
                                                                         12.5
                                                                                0.3
          -4.9
                -5.9
                      -3.4
                              3.0
                                    9.4
                                         18.7
                                                25.1
                                                      24.4
                                                            24.4
                                                                   19.2
                                                                         15.9
## 5549
                                                                                 3.6
          -0.5
               -8.1
                      -0.2
                              3.2 10.7
                                                21.9
                                                            24.9
                                                                                 1.3
## 5550
                                         16.7
                                                      27.3
                                                                   10.9
                                                                          2.8
   5551
          -3.2
                -6.1
                        1.9
                             10.7
                                   18.7
                                         21.1
                                                22.6
                                                      24.2
                                                            19.9
                                                                   -3.2
                                                                         -7.7
                                                                                -4.2
##
  5552
           3.8
               10.4
                      17.3
                             26.0
                                   10.2
                                          0.6
                                                 1.6
                                                      -6.2
                                                            -6.8
                                                                   -4.8
                                                                         12.0
                                                                                16.9
   5553
                24.2
                      23.9
                             19.9
                                           4.8
                                                            -0.6
##
          21.4
                                   13.3
                                                -2.1
                                                      -4.6
                                                                    4.1
                                                                          8.5
                                                                                15.3
                      23.6
## 5554
          21.4
                24.2
                            16.8 12.8
                                           3.2
                                                -6.8
                                                      -8.5
                                                            -4.0
                                                                   -0.4
                                                                         10.0
                                                                               20.7
## 5555
          21.5
                23.7
                      22.9
                            16.9
                                   13.2
                                           4.9
                                                -2.4 - 10.9
                                                            -3.3
                                                                    6.2
                                                                         11.9
                                                                                16.3
                                                -7.7
## 5556
          23.8
                24.9
                      23.1
                             18.8
                                   17.3
                                           6.1
                                                      -1.7
                                                             -1.1
                                                                    0.9
                                                                         11.0
                                                                                19.3
##
   5557
          21.2 25.5
                      20.8
                            17.7
                                   10.7
                                           4.8
                                                -4.6
                                                      -5.5
                                                             -6.4
                                                                   -3.7
                                                                         10.6
                                                                                19.3
                                                -8.6
                                                      -3.3
                                                             5.1
##
   5558
          21.1
                23.4
                      21.9
                             14.9
                                    4.9
                                           1.3
                                                                    7.9
                                                                         15.7
                                                                                21.3
                                                                         20.5
  5559
          25.5
                21.0
                      16.5
                            11.1
                                    3.3
                                         -3.5
                                                -4.6
                                                       5.3
                                                            11.3
                                                                   14.3
                                                                               23.5
##
## 5560
          22.4
                17.3
                      11.2
                              3.3
                                   -1.9
                                         -6.1
                                                -2.7
                                                       7.5
                                                             11.2
                                                                   14.2
                                                                         23.4
                                                                                25.5
                                   -4.9
## 5561
          24.7
                17.8
                      12.6
                              2.4
                                         -3.0
                                                -0.9
                                                      10.9
                                                            16.9
                                                                   19.5
                                                                         24.7
                                                                                23.4
## 5562
          18.9
                 9.6
                        3.8
                            -4.2
                                   -9.2
                                         -0.9
                                                 1.0
                                                      19.1
                                                            22.7
                                                                   24.1
                                                                         23.7
                                                                                17.9
## 5563
          10.1
                 2.4
                      -2.1
                            -8.2
                                   -4.6
                                           2.1
                                                15.1
                                                      24.5
                                                            22.5
                                                                   22.6
                                                                         19.3
                                                                                14.0
  5564
           4.4
                -1.8
                      -6.3
                            -3.5
                                    4.0
                                         16.6
                                                22.3
                                                      23.5
                                                            23.0
                                                                   18.7
                                                                         10.2
                                                                                 2.8
##
                      -1.6
## 5565
          -5.8
                -4.7
                              6.7
                                   15.7
                                         23.3
                                                23.8
                                                      24.4
                                                            17.6
                                                                   13.9
                                                                          4.5
                                                                                -4.9
   5566
          -0.9
                 5.5
                      11.8
                            16.9
                                   21.5
                                         28.3
                                                22.3
                                                      16.7
                                                            14.0
                                                                    4.4
                                                                         -1.9
                                                                                -5.0
## 5567
          -0.4
                 9.0
                      18.4
                            21.4
                                   24.9
                                         24.7
                                                15.6
                                                      13.6
                                                             4.3
                                                                   -1.9
                                                                         -4.5
                                                                                1.6
                      21.6
                             24.8
                                                            -3.9
##
  5568
           3.9
                15.2
                                   24.1
                                         19.5
                                                 9.8
                                                       1.1
                                                                   -9.8
                                                                          0.5
                                                                                7.2
          21.2
                24.5
                      26.8
                                                      -3.3 -10.2
                                                                   -8.7
                                                                               16.7
## 5569
                            22.1
                                   19.3
                                         11.8
                                                 4.0
                                                                          1.1
          23.0
                23.7
                      23.0
                            21.0
                                                -4.2 -12.2
                                                            -9.6
## 5570
                                   11.5
                                           3.6
                                                                    2.4
                                                                         15.9
                                                                                21.4
          22.9
                                                -3.6
                                                      -4.7
## 5571
                23.6
                      19.4
                            11.6
                                    2.7
                                         -0.2
                                                              1.4
                                                                   17.2
                                                                         22.3
                                                                                26.2
## 5572
          24.2 19.1
                      10.4
                              5.8
                                   -1.8
                                         -3.4
                                                -1.5
                                                       5.4
                                                             16.6
                                                                   23.9
                                                                         24.9
                                                                                22.4
## 5573
                11.5
                        6.5
                            -2.3
                                   -9.9
                                         -3.7
                                                 2.9
                                                            19.6
                                                                   25.0
                                                                         22.8
                                                                               18.6
          19.4
                                                      17.3
## 5574
          12.9
                 3.5
                        0.2
                            -1.6
                                    0.5
                                          3.7
                                                14.6
                                                      21.9
                                                            26.8
                                                                   11.2
                                                                          4.6 - 12.0
## 5575
          -5.5
                 1.6
                             15.7
                                   22.2
                                                      17.4
                        0.4
                                         24.6
                                                25.0
                                                             12.2
                                                                    5.0
                                                                         -1.3
                                                                               -6.5
## 5576
          -4.3
                 7.4
                      18.9
                             20.9
                                   24.5
                                         21.5
                                                17.9
                                                      12.3
                                                             -0.2
                                                                   -7.9
                                                                         -0.8
                                                                               -5.2
                16.5
                      23.2
## 5577
           6.1
                            24.7
                                   20.4
                                         19.4
                                                11.7
                                                       1.9
                                                            -0.9
                                                                   -1.5
                                                                          2.0
                                                                                5.4
## 5578
          19.6
                23.9
                      25.5
                            22.1
                                   18.3
                                         10.0
                                                 6.9
                                                      -0.3
                                                            -6.4
                                                                  -3.3
                                                                          5.3
                                                                               19.8
## 5579
          25.4 24.3 25.2 19.8
                                   10.5
                                          5.5
                                               -0.5
                                                       0.6
                                                           -8.6
                                                                    3.0
                                                                        17.1
                                                                               20.9
```

```
## 5580
          25.1 23.4 16.9
                              2.6 - 7.9
                                           1.2
                                                  0.0
                                                        6.2 15.4
                                                                    24.1
                                                                          24.0
                                                                                23.9
## 5581
          20.9
                12.3
                        6.6
                            -5.2
                                   -8.2
                                           1.5
                                                 6.4
                                                       19.5
                                                             23.9
                                                                    24.9
                                                                          23.7
                                                                                19.2
                                                             22.9
                                                                          17.8
## 5582
          11.5
                -0.5
                        0.2
                              0.4
                                     3.0
                                           6.3
                                                17.7
                                                       22.1
                                                                    21.7
                                                                                12.2
                             -5.4
                                     2.1
                                                21.3
                                                       23.9
                                                             23.9
## 5583
           2.0
                -2.4
                       -6.5
                                          16.5
                                                                    15.8
                                                                          11.0
                                                                                  2.2
## 5584
          -0.9
                 -6.9
                       -4.4
                              6.2
                                   18.5
                                          23.2
                                                22.9
                                                       22.3
                                                             19.2
                                                                    13.6
                                                                           6.1
                                                                                 -1.0
## 5585
          -4.0
                  0.5
                        4.0
                            14.5
                                   22.0
                                          25.8
                                                26.1
                                                       17.3
                                                             12.7
                                                                     1.8
                                                                          -1.8
                                                                                -7.2
          -2.5
                       23.0
                             17.0
                                   12.0
                                           5.1
                                                14.6
                                                       23.2
                                                             25.1
                                                                    22.8
  5586
                  1.4
                                                                          19.1
           2.0
                       11.2
                             19.3
                                   21.1
                                          25.0
                                                24.3
                                                       22.1
                                                             13.4
                                                                     6.6
## 5587
                  0.5
                                                                          -0.5
                                                                                 -5.1
##
   5588
           2.1
                  4.3
                      11.0
                             16.9
                                    21.7
                                          27.0
                                                22.7
                                                       17.8
                                                             12.0
                                                                     8.5
                                                                          -0.4
                                                                                 -2.6
           2.5
                             19.0
                                   21.5
                                          24.0
                                                25.2
                                                       20.0
                                                             14.3
                                                                          -9.1
                                                                                 -2.9
##
   5589
                  7.1
                       11.1
                                                                     0.9
          -5.8
   5590
                  1.8
                       13.3
                             17.6
                                   22.1
                                          26.2
                                                24.5
                                                       18.5
                                                             12.1
                                                                     9.8
                                                                           0.2
                                                                                 -0.9
                                          27.4
## 5591
           0.2
                  0.7
                       11.4
                             15.5
                                   25.2
                                                24.0
                                                       20.3
                                                              8.7
                                                                     3.2
                                                                           0.2
                                                                                 -5.2
##
   5592
          -4.6
                  4.3
                       12.0
                             15.5
                                   20.8
                                          25.9
                                                25.7
                                                       17.5
                                                             13.1
                                                                     3.4
                                                                          -0.8
                                                                                 -6.0
          -3.8
## 5593
                       12.4
                             17.9
                                   20.5
                                          23.0
                                                21.2
                                                       21.4
                                                             12.9
                                                                     5.8
                                                                          -0.8
                  6.5
                                                                                 -6.0
  5594
           0.6
                  4.9
                       13.2
                             16.7
                                    24.3
                                          26.7
                                                 23.9
                                                       21.6
                                                             12.6
                                                                     5.7
                                                                          -4.1
                                                                                  2.3
##
## 5595
          -1.3
                  3.9
                       18.0
                             23.8
                                    26.5
                                          23.5
                                                 16.6
                                                        9.8
                                                              4.0
                                                                     0.7
                                                                          -5.8
                                                                                  9.9
  5596
          19.5
                23.0
                       26.0
                             25.3
                                   19.4
                                          13.8
                                                 3.7
                                                       -5.2
                                                             -6.6
                                                                    -5.4
                                                                           8.5
                                                                                15.9
##
                                          -5.6
   5597
          24.8
                24.3
                      18.4
                             12.3
                                     3.8
                                                -5.0
                                                       -1.1
                                                             10.0
                                                                    22.3
                                                                          22.1
                                                                                 18.6
                                                                    25.5
  5598
           8.1
                  7.5
                       -6.3
                             -8.4
                                   -6.2
                                           4.9
                                                14.3
                                                       16.4
                                                             23.5
                                                                          26.1
                                                                                19.4
##
## 5599
          13.8
                  4.7
                       -4.0
                             -6.2
                                   -2.1
                                           4.1
                                                 11.0
                                                       17.0
                                                             23.0
                                                                    27.8
                                                                          24.0
                                                                                 17.7
## 5600
                                   -0.3
                                                       20.4
          12.6
                  5.4
                       -1.1
                             -1.3
                                          13.4
                                                13.9
                                                             24.5
                                                                    29.4
                                                                          24.3
                                                                                17.6
## 5601
          11.8
                  6.1
                       -1.3
                             -3.4
                                   -1.4
                                           0.4
                                                 7.8
                                                       16.3
                                                             22.2
                                                                    25.3
                                                                          24.4
## 5602
          11.6
                  3.1
                       -5.0
                             -6.0
                                    -5.8
                                           2.4
                                                11.0
                                                       17.7
                                                             23.1
                                                                    23.3
                                                                          24.2
                                                                                 18.1
          12.2
                      -0.2
                             -2.7
                                    -6.4
                                           6.2
                                                12.1
                                                       16.0
                                                             23.1
                                                                    24.9
                                                                          22.8
                                                                                 21.1
## 5603
                  1.1
          13.0
                        1.2
                             -4.3
                                     1.5
                                           8.4
                                                12.4
                                                       16.6
                                                             25.4
                                                                    24.6
                                                                          23.3
                                                                                 20.5
## 5604
                  6.4
  5605
          14.1
                  7.4
                       -3.2
                             -2.4
                                     3.8
                                           6.0
                                                13.0
                                                       17.8
                                                             24.5
                                                                    27.1
                                                                          22.7
## 5606
          12.8
                  5.7
                       -2.8
                             -5.6
                                   -3.6
                                           4.3
                                                 7.1
                                                       21.4
                                                             25.4
                                                                    24.3
                                                                          23.2
                                                                                19.8
   5607
                      -1.7
                             -4.8
                                   -7.5
                                           1.4
                                                12.6
                                                             23.9
                                                                    26.3
##
          10.2
                  0.3
                                                       16.4
                                                                          24.2
                                                                                 23.3
## 5608
           9.6
                        0.3
                             -2.5
                  3.3
                                   15.6
                                           6.1
                                                -5.5
                                                       11.8
                                                             21.7
                                                                    24.1
                                                                          21.3
                                                                                20.3
  5609
          -5.5
                -2.7
                        8.1
                             14.2
                                    24.5
                                          23.5
                                                17.5
                                                        4.6
                                                             -2.7
                                                                    -9.5
                                                                           9.1
                                                                                 15.4
## 5610
          24.5
                24.1
                       23.9
                             19.7
                                    12.0
                                           4.7
                                                 -1.8
                                                       -6.2
                                                              0.2
                                                                    -2.3
                                                                           2.6
                                                                                 20.3
## 5611
          24.0
                21.0
                       16.3
                             10.5
                                     8.3
                                          -0.9
                                                -4.7
                                                        7.0
                                                             15.8
                                                                    19.2
                                                                          21.8
                                                                                 21.7
                13.5
                        4.2
                             -2.1
                                           9.4
## 5612
          17.9
                                    -2.2
                                                 13.7
                                                       20.1
                                                             23.2
                                                                    20.1
                                                                          17.3
                                                                                  9.8
## 5613
           4.4
                -6.7
                       -1.4
                              9.9
                                    15.4
                                          20.6
                                                15.8
                                                        9.6
                                                             -3.2
                                                                    -0.9
                                                                          17.4
                                                                                 20.9
                                    4.7
## 5614
          24.8
                22.8
                       19.3
                             10.9
                                          -4.2
                                                 -3.3
                                                        9.2
                                                             19.6
                                                                    24.1
                                                                          19.4
                                                                                 -1.4
## 5615
           2.0
                11.4
                       16.4
                             19.2
                                   24.4
                                          23.0
                                                17.9
                                                       12.2
                                                              3.4
                                                                    -0.6
                                                                          -0.9
                                                                                  8.8
                       24.6
## 5616
          14.9
                20.1
                             16.6
                                   12.1
                                           3.5
                                                -3.5
                                                       -4.6
                                                              8.2
                                                                    15.2
                                                                          20.2
                                                                                 22.9
## 5617
          20.5
                17.5
                      12.0
                              3.8
                                   -4.8
                                          -9.2
                                                 8.4
                                                       17.9
                                                             18.8
                                                                    22.7
                                                                          19.8
                                                                                 10.2
## 5618
           7.1
                -1.5
                        0.3
                              8.4
                                    15.4
                                          20.7
                                                24.5
                                                       24.1
                                                             19.0
                                                                    12.1
                                                                           6.5
                                                                                  0.7
                            21.6
                                           5.9
                                                -3.8
                                                       -4.0
                                                              2.8
## 5619
           0.6
               13.4
                       21.3
                                   19.7
                                                                     7.5
                                                                          17.0
                                                                                19.5
          23.7
                23.0
                       20.1
                              9.4
                                     2.7
                                          -0.3
                                                -2.7
                                                       -2.3
                                                              9.2
                                                                    13.4
                                                                          19.9
## 5620
                                                                          22.3
## 5621
          21.4
                17.1
                      11.4
                              2.3
                                   -0.5
                                          -0.5
                                                 6.9
                                                       14.7
                                                             20.8
                                                                    24.3
                                                                                17.6
                  6.1
                        0.8
                             -2.0
                                   -2.7
                                           9.2
                                                       22.0
                                                             20.6
                                                                    23.0
## 5622
          11.0
                                                15.1
                                                                          18.4
                                                                                 13.0
           4.6
                  1.4
                       -5.2
                              1.4
                                     3.5
                                          16.5
                                                24.5
                                                       15.9
                                                              9.2
                                                                     5.3
## 5623
                                                                          -8.7
                                                                                  8.9
          19.4
                22.7
                       -7.0
                              9.2
                                   14.5
                                          18.2
                                                10.9
                                                             -2.2
## 5624
                                                        4.0
                                                                     9.4
                                                                          16.2
                                                                                 20.2
                17.5
                             -6.5
                                   16.7
                                          24.3
                                                12.4
                                                        9.5
                                                                    22.6
## 5625
          20.5
                        8.5
                                                             21.7
                                                                          -3.0
                                                                                 -1.1
               19.3
                             26.1
                                           4.3
## 5626
          10.8
                       22.5
                                     9.8
                                                -0.4
                                                       -3.2
                                                              8.5
                                                                    21.4
                                                                          11.2
                                                                                -9.5
## 5627
         -10.2
                  9.6
                       22.1
                             16.3
                                          -0.6 -10.2
                                                             17.2
                                                                    21.0
                                                                          20.6
                                                                                12.1
                                   10.2
                                                       11.2
## 5628
           6.3 10.3
                      16.6
                             22.7
                                    23.0
                                          23.0
                                                20.4
                                                       14.3
                                                              7.8
                                                                    -2.7
                                                                          12.1
                                                                                15.5
                        3.6
                                                             22.8
                                                                    22.6
## 5629
          19.8 19.1
                             -3.6
                                   -3.1
                                           5.5
                                                20.4
                                                       23.0
                                                                          18.9
                                                                                 0.1
## 5630
          -7.1
                -5.2
                       15.4
                             21.6
                                   25.3
                                          21.7
                                                21.1
                                                        9.5
                                                              1.1
                                                                     0.5
                                                                          -2.6
                                                                                -2.1
                       23.0
                                                        7.2
## 5631
           9.3
               15.5
                            24.6
                                   21.9
                                          17.3
                                                 9.5
                                                             -1.3
                                                                    -3.5
                                                                          -9.3
                                                                                11.1
## 5632
          16.0 23.8
                       23.0
                             23.2
                                   20.4
                                          14.2
                                                  4.1
                                                        1.7
                                                             -8.3
                                                                    -5.2
                                                                           0.4
                                                                                 12.3
                                          22.4
                                                26.5
## 5633
          19.3 21.3 18.2 -4.0
                                   14.7
                                                       23.2
                                                            14.0
                                                                     7.1
                                                                          -5.2
                                                                                -4.4
```

```
-6.6
## 5634
           15.4 21.3
                        26.9
                             24.7 - 7.0
                                                  12.2
                                                         18.1
                                                               24.6
                                                                      22.9
                                                                              8.4
                                                                                   -3.0
## 5635
          -0.8
                        13.7
                              21.3
                                     17.9
                                             4.3
                                                  -4.9
                                                         -5.1
                                                               23.3
                                                                      24.2
                                                                             -5.6
                                                                                    7.3
                  6.1
                              23.8
## 5636
          24.1
                 16.2
                        11.0
                                     27.2
                                           23.9
                                                   8.0
                                                         -4.0
                                                               -0.8
                                                                      14.0
                                                                             19.5
                                                                                   23.8
                 -3.1
                                     22.3
                                           22.4
##
  5637
            1.2
                         8.8
                              11.3
                                                  19.1
                                                         11.0
                                                                 2.6
                                                                      12.8
                                                                             23.1
                                                                                    21.9
##
   5638
           -0.9
                  8.9
                        13.1
                              20.1
                                     21.0
                                            16.9
                                                   9.0
                                                         -4.4
                                                                -9.0
                                                                      21.0
                                                                             23.8
                                                                                    21.3
   5639
          -2.2
                 -9.1
                         8.0
                                9.9
                                     18.3
                                           22.9
                                                  21.8
                                                         18.2
                                                               -1.6
                                                                      -2.3
                                                                              6.4
                                                                                    13.7
##
                 25.2
                        25.0
                              16.5
                                      6.5
                                             4.0
                                                  -0.3
                                                         -2.1
                                                                -8.2
                                                                        6.7
## 5640
          21.7
                                                                             12.7
           25.7
                 23.5
                        19.3
                                                  -2.1
                                                          6.3
## 5641
                              10.5
                                      5.1
                                           -1.5
                                                               13.5
                                                                      10.6
                                                                             12.2
                                                                                    18.1
##
   5642
           21.0
                 22.3
                         2.2
                                3.2
                                     10.2
                                            15.7
                                                  20.9
                                                         19.0
                                                                18.5
                                                                      17.8
                                                                             13.1
                                                                                     9.1
                                            20.5
                                                                14.5
                                                                                    25.9
##
   5643
            6.7
                  2.7
                        18.4
                              14.7
                                     15.1
                                                  10.4
                                                          0.5
                                                                      18.0
                                                                             26.1
           25.2
   5644
                 22.2
                        17.5
                              10.3
                                      3.4
                                             8.3
                                                  16.0
                                                         19.2
                                                                26.3
                                                                      23.0
                                                                             21.8
                                                                                     8.5
                         4.3
                              25.5
   5645
            1.6
                 -1.0
                                     24.9
                                            15.0
                                                    4.4
                                                          4.3
                                                                -0.1
                                                                      14.5
                                                                             23.2
##
                                                                                    26.0
                         4.2
##
   5646
          23.9
                  4.7
                                2.7
                                      3.0
                                            12.3
                                                  17.7
                                                         24.8
                                                                26.1
                                                                      22.9
                                                                             10.3
                                                                                     3.2
   5647
                -2.3
                        13.8
                              17.9
                                     24.9
                                            24.5
                                                  25.1
                                                         22.0
                                                                17.2
##
            1.3
                                                                        6.9
                                                                              7.9
                                                                                   -1.7
   5648
           -8.6 -17.4
                         3.7
                              11.0
                                     20.4
                                            21.7
                                                  18.6
                                                         16.0
                                                                 8.5
                                                                      -2.1 -12.7 -16.3
##
##
   5649
           -3.7
                  1.1
                        12.5
                              17.9
                                     21.7
                                            18.6
                                                  15.1
                                                         12.9
                                                                19.7
                                                                      11.6
                                                                             -2.8
                                                                                     7.2
   5650
           11.9
                 15.0
                         8.3
                              -9.7
                                     11.9
                                            15.3
                                                  17.8
                                                         14.3
                                                                 7.6
                                                                      -4.2
                                                                             13.7
                                                                                    17.2
##
##
   5651
          21.5
                 -6.9
                        -5.2
                              16.3
                                     10.3
                                             5.5
                                                  -1.6
                                                          7.9
                                                                16.5
                                                                      21.1
                                                                             15.0
                                                                                   11.0
                                      2.5
   5652
            2.4
                -2.9
                         6.4
                              11.9
                                            -5.0
                                                                17.6
                                                                      19.0
                                                                             15.2
##
                                                   6.1
                                                         12.0
                                                                                     2.6
## 5653
           -6.9 - 11.4
                         5.8
                              13.9
                                     15.8
                                            19.7
                                                   8.6
                                                          5.1
                                                                -1.5
                                                                       5.7
                                                                             16.8
                                                                                    21.3
                               5.3
                                     -1.3
                                                                      19.4
##
  5654
          21.2 17.1
                        10.3
                                            -2.0
                                                   8.0
                                                         11.7
                                                                20.3
                                                                             17.8
                                                                                    -5.8
   5655
          -1.0
                  4.9
                        13.2
                              16.4
                                     20.8
                                            16.4
                                                   8.1
                                                         -5.4
                                                                -4.2
                                                                       1.5
                                                                             -2.3
                                            -0.1
                                                         -3.5
                                                                 7.4
                                                                      12.8
           17.6
                21.2
                        20.2
                                9.3
                                      5.4
                                                  -2.6
                                                                             19.8
                                                                                    18.9
## 5656
                 17.2
                        11.6
                                3.8
                                     -0.2
                                            -6.7
                                                   7.8
                                                          6.9
                                                                 9.5
                                                                      12.6
                                                                             16.3
                                                                                    21.5
##
   5657
          21.0
                                             5.7
                 26.5
                        24.6
                                9.9
                                      7.0
                                                                13.1
                                                                                    25.9
## 5658
          27.3
                                                    6.7
                                                         11.1
                                                                      18.6
                                                                             19.8
                                                   9.2
   5659
           26.8
                 23.8
                        17.7
                                9.9
                                      6.6
                                             6.6
                                                          8.8
                                                                15.4
                                                                      18.6
                                                                             23.4
##
   5660
           27.1
                 24.2
                        17.8
                               10.4
                                      6.4
                                             6.9
                                                   7.3
                                                         10.8
                                                               17.1
                                                                      19.0
                                                                             24.4
                                                                                    28.1
   5661
                 15.0
                         8.7
                                7.7
                                            10.1
                                                  12.9
                                                                21.8
                                                                             27.3
##
           28.2
                                      5.0
                                                         16.1
                                                                      23.3
                                                                                    25.8
                                             7.3
                                                               18.0
   5662
           25.2
                 17.4
                         8.4
                                5.6
                                      6.9
                                                   8.7
                                                         14.5
                                                                      23.4
                                                                             26.9
                                                                                    26.2
##
##
  5663
           23.8
                 17.2
                         9.5
                                5.0
                                      0.8
                                             5.6
                                                   9.2
                                                         17.3
                                                                18.6
                                                                      25.2
                                                                             27.8
                                                                                    25.8
## 5664
           24.5
                 16.2
                        13.1
                                5.5
                                      5.0
                                             9.9
                                                  12.2
                                                         17.4
                                                                19.4
                                                                      23.2
                                                                             28.4
                                                                                    27.5
##
   5665
           22.5
                 19.2
                        13.4
                                7.0
                                      8.3
                                            11.5
                                                  15.0
                                                         19.8
                                                                23.7
                                                                      28.5
                                                                             26.9
                                                                                    25.1
                         5.6
                                                                             28.0
##
   5666
           17.0
                 10.1
                                4.4
                                      8.3
                                             8.0
                                                  14.5
                                                         21.4
                                                                20.8
                                                                      27.9
                                                                                    24.1
                                                                             25.9
  5667
           19.8
                  8.6
                         5.9
                                      7.6
                                           10.6
                                                  14.4
                                                         15.2
                                                               21.5
                                                                      29.6
                                                                                    24.2
##
                                8.6
   5668
           16.7
                 11.4
                         5.6
                                6.7
                                     10.7
                                             9.8
                                                  17.9
                                                         21.9
                                                                23.5
                                                                      29.3
                                                                             25.1
                                                                                    23.3
##
   5669
           17.6
                 11.4
                         5.2
                                4.2
                                      5.8
                                           11.4
                                                  12.9
                                                         17.9
                                                               22.9
                                                                      26.5
                                                                             28.9
                                                                                    24.6
##
  5670
           18.4
                 10.4
                         8.4
                                8.7
                                      6.8
                                            12.3
                                                  14.3
                                                         18.5
                                                                25.0
                                                                      27.1
                                                                             25.2
  5671
            8.5
                  5.0
                         4.2
                              10.8
                                     12.0
                                            14.4
                                                  16.8
                                                         25.8
                                                               27.6
                                                                      26.5
                                                                             22.9
                                                                                    14.8
##
  5672
            8.4
                  5.8
                         6.6
                              10.2
                                      8.3
                                            14.0
                                                  20.5
                                                         22.9
                                                                28.3
                                                                      23.7
                                                                             18.4
                                                                                     9.4
##
                                     17.5
                                                               22.5
## 5673
            6.9
                  7.6
                         6.7
                              12.7
                                           18.0
                                                  30.3
                                                         26.9
                                                                      18.2
                                                                             10.3
                                                                                     6.0
            4.4
                  7.5
                        13.5
                              15.6
                                     19.5
                                            27.7
                                                  29.3
                                                         27.0
                                                                                     5.0
  5674
                                                                25.0
                                                                      16.4
                                                                              9.1
            5.1
## 5675
                  9.2
                        11.5
                              16.2
                                     17.9
                                           26.9
                                                  29.5
                                                         27.0
                                                                16.0
                                                                       8.6
                                                                              5.4
                                                                                     5.2
                        17.3
                              16.9
                                     23.5
                                            26.9
                                                  27.4
                                                         23.3
##
   5676
            7.6
                  8.5
                                                                16.3
                                                                      10.6
                                                                              5.8
                                                                                     4.5
           12.3
                        11.2
                              19.2
                                     21.4
                                            26.9
                                                  25.5
                                                                        9.6
##
   5677
                 10.3
                                                         23.1
                                                                17.3
                                                                              4.9
                                                                                     4.5
   5678
                        13.2
                              17.0
                                     22.8
                                            27.5
                                                  26.9
                                                                        7.2
            5.5
                  8.9
                                                         21.8
                                                                19.4
                                                                              7.8
                                                                                     6.6
                        13.3
                                            26.5
                                                         17.8
## 5679
            8.1
                 10.2
                              17.9
                                     20.7
                                                  26.8
                                                                11.1
                                                                        4.1
                                                                              3.3
                                                                                     5.2
                              23.8
## 5680
           10.9
                 15.9
                        19.9
                                     27.5
                                            29.0
                                                  16.0
                                                         10.1
                                                                 5.1
                                                                        5.4
                                                                              7.3
                                                                                    10.7
## 5681
            8.3
                 18.5
                        21.2
                              29.1
                                     28.8
                                            23.3
                                                                 4.6
                                                                      10.6
                                                                                    18.6
                                                  17.4
                                                          3.7
                                                                             13.7
##
   5682
           24.5
                 27.4
                        24.1
                              22.2
                                     16.0
                                             9.7
                                                   3.1
                                                          7.5
                                                                 6.4
                                                                       9.7
                                                                             13.8
                                                                                    20.1
                 27.5
                        28.6
## 5683
           21.9
                              24.3
                                     14.2
                                             9.5
                                                    6.2
                                                          6.8
                                                                 9.3
                                                                      11.1
                                                                             19.9
                                                                                    24.2
   5684
           29.1
                 28.7
                        21.7
                              15.5
                                     10.7
                                             5.5
                                                   5.2
                                                          7.6
                                                                11.1
                                                                      16.1
                                                                             23.2
                                                                                    28.1
##
## 5685
          28.0
                 23.0
                        13.8
                               9.3
                                      4.8
                                             4.3
                                                   8.9
                                                         14.4
                                                                19.1
                                                                      23.7
                                                                             28.5
                                                                                    26.1
## 5686
           21.1
                 14.9
                         8.9
                                4.3
                                      4.9
                                             8.7
                                                   8.8
                                                         20.7
                                                                24.9
                                                                      27.1
                                                                             25.5
                                                                                    20.7
                                            28.2
## 5687
           14.5
                  8.6
                         5.3
                             17.9
                                     23.4
                                                  26.8
                                                         25.4
                                                              19.6
                                                                     10.0
                                                                            11.8
                                                                                   22.4
```

```
26.9 22.8 17.0
## 5688
          23.6 26.9
                      28.5
                            24.4 17.9
                                                             7.4 13.8
                                                                         19.6
                                                                                29.5
                17.0
                      27.8
                             28.2
                                   25.2
                                         12.7
                                                10.7
                                                      21.2
                                                            25.8
                                                                   16.5
                                                                         23.1
                                                                                11.3
## 5689
          16.1
## 5690
          26.2
                11.2
                        4.7
                              5.2
                                   29.3
                                         24.7
                                                16.7
                                                       5.2
                                                              6.4
                                                                    7.4
                                                                         14.6
                                                                                30.4
                 9.6
                                                25.5
## 5691
          27.2
                        4.6
                              5.9
                                    8.6
                                         17.1
                                                      28.9
                                                            26.7
                                                                   23.5
                                                                          8.7
                                                                                 5.7
## 5692
           6.3
                27.6
                       27.8
                              8.2
                                    7.3
                                          20.8
                                                26.7
                                                      29.6
                                                             23.9
                                                                   11.4
                                                                         26.4
                                                                                29.5
## 5693
          27.3
                24.9
                      18.3
                                   28.7
                                         24.9
                                                19.4
                                                       8.1
                                                              7.0
                                                                   17.0
                                                                         19.9
                                                                                28.1
                            15.7
          29.4
               28.3
                      23.0
                             17.9
                                           6.7
                                                10.4
                                                      30.5
                                                            22.9
                                                                   17.2
## 5694
                                    7.4
                                                                         12.9
                                                                                 6.1
                             23.2
                                    7.1
                                                                   20.3
## 5695
          20.1
               11.3
                        5.8
                                           1.3
                                                 0.1
                                                       3.8
                                                            14.8
                                                                         24.3
                                                                                21.9
##
   5696
          17.1
                11.2
                        9.2
                              0.6
                                   -3.8
                                          8.2
                                                15.4
                                                      19.6
                                                            22.3
                                                                   22.1
                                                                         18.8
                                                                                15.8
                                                      20.4
                                                            10.3
##
   5697
           5.2
                 0.7
                      -0.3
                             10.1
                                   13.9
                                         21.2
                                                24.4
                                                                    5.3
                                                                         -5.3
                                                                                -0.2
   5698
          10.5
                14.9
                      18.2
                             20.8
                                   22.4
                                         16.6
                                                10.4
                                                      -2.2
                                                             -0.5
                                                                   11.8
                                                                         16.5
                                                                                21.7
                      19.2
## 5699
          26.0
                22.3
                             13.7
                                    6.0
                                         -4.5
                                                -2.0
                                                       9.9
                                                             16.0
                                                                   24.0
                                                                         22.1
                                                                                19.4
                        2.0
## 5700
          13.5
                 8.0
                              2.2
                                   10.8
                                         16.8
                                                19.6
                                                      24.6
                                                            22.6
                                                                   19.6
                                                                         -0.9
                                                                                 0.5
           9.8
                15.1
                      20.2
                             24.7
                                   22.2
                                         18.2
                                                             -4.0
## 5701
                                                12.1
                                                       6.4
                                                                   -1.8
                                                                          8.9
                                                                                15.4
## 5702
          20.7
                22.7
                      20.9
                             19.8
                                   13.2
                                           4.7
                                                -3.9
                                                      -8.0
                                                              9.5
                                                                   15.9
                                                                         19.1
                                                                                23.5
## 5703
          23.4
                20.8
                      11.5
                              8.5
                                   -0.2
                                           1.0
                                                 8.6
                                                      14.4
                                                            20.7
                                                                   23.8
                                                                         24.5
                                                                                20.1
          12.9
                 7.7
                        1.4
                              2.2
                                   12.2
                                         14.3
                                                19.7
                                                      22.1
                                                            22.0
                                                                   14.9
                                                                          5.1
                                                                                -3.4
## 5704
## 5705
           2.3
                 7.4
                      17.0
                             19.6
                                   23.8
                                         23.9
                                                19.5
                                                      13.8
                                                              4.8
                                                                   -2.0
                                                                         -0.4
                                                                                15.5
          20.3
                                                                   20.9
## 5706
                24.7
                      21.9
                             20.1
                                   15.1
                                           1.2
                                                       7.6
                                                            14.2
                                                                         24.8
                                                 1.6
                                                                                22.1
## 5707
          18.3
                12.1
                        9.9
                              1.5
                                   -0.9
                                          -7.6
                                                 9.0
                                                      16.9
                                                            20.1
                                                                   20.0
                                                                          7.5
                                                                                -2.7
                            14.2
                                                      13.9
                                                                   19.5
## 5708
          15.3
                23.3
                      19.6
                                    7.7
                                         -1.4
                                                11.5
                                                            22.7
                                                                         17.9
                                                                                21.2
## 5709
          23.8
                23.9
                      20.8
                             10.6
                                   -5.7
                                           1.4
                                                -1.9
                                                       7.1
                                                            13.7
                                                                   21.7
                                                                         21.3
                                                                                 6.9
          -0.3
                -1.4
                      -4.9
                              8.9
                                   13.4
                                         20.9
                                                21.4
                                                      22.5
                                                            19.6
                                                                   14.0
                                                                          4.2
                                                                                 2.7
## 5710
          -5.3
                 9.6
                      21.8
                             22.3
                                   -4.4
                                          5.2
                                                11.2
                                                      20.8
                                                            23.3
                                                                   19.8
                                                                                 6.8
## 5711
                                                                         16.2
           4.0
                -1.6
                              8.9
                                    7.1
                                                            25.6
                                                                         26.4
## 5712
                      -3.1
                                         13.3
                                                16.3
                                                      21.9
                                                                   26.6
                                                                                26.0
## 5713
          20.4
                10.9
                        7.3
                              4.3
                                   10.1
                                         14.0
                                                17.9
                                                      21.5
                                                            23.6
                                                                   25.5
                                                                         26.9
                                                                                22.6
## 5714
          17.2
                14.9
                        7.0
                              7.0
                                    8.0
                                         15.5
                                                17.3
                                                      22.7
                                                             24.5
                                                                   25.8
                                                                         24.9
                                                                                22.4
                14.3
                        7.4
                              8.8
                                   10.5
                                                             24.5
## 5715
          19.8
                                         11.9
                                                16.5
                                                      20.1
                                                                   26.9
                                                                         24.9
                                                                                13.3
                 7.4
                      21.3
                                                              7.4
## 5716
          10.8
                             25.4
                                   27.2
                                         22.5
                                                11.5
                                                       7.9
                                                                   15.7
                                                                         26.0
                                                                                25.5
## 5717
          24.0
                11.7
                        9.4
                             17.3
                                   21.5
                                          25.5
                                                26.2
                                                      25.5
                                                            16.6
                                                                    7.0
                                                                         16.5
                                                                                21.1
## 5718
          25.9
                24.8
                      22.8
                             11.5
                                    3.6
                                           4.6
                                                18.2
                                                      27.8
                                                            27.4
                                                                   17.7
                                                                         12.1
                                                                                 4.6
## 5719
          26.9
                27.7
                      15.3
                             12.7
                                   10.2
                                         11.4
                                                18.6
                                                      23.1
                                                            27.1
                                                                   25.4
                                                                         10.8
                                                                                 9.9
                      20.2
                             25.3
## 5720
           8.7
                17.1
                                   24.9
                                          25.1
                                                24.3
                                                      18.6
                                                             10.9
                                                                    9.0
                                                                          3.1
                                                                                 8.5
## 5721
                17.4
                      21.5
                             25.2
                                   25.8
                                         26.4
                                                24.4
                                                      18.6
                                                              9.4
                                                                    9.9
                                                                          6.6
          11.8
                                                                                 5.1
## 5722
          14.4
                19.2
                      21.6
                             25.6
                                   26.7
                                          25.8
                                                23.4
                                                      18.4
                                                             15.0
                                                                   13.8
                                                                          6.2
                                                                                10.0
## 5723
          15.5
                17.7
                      21.4
                             26.0
                                   27.4
                                         27.0
                                                25.7
                                                      20.6
                                                            14.3
                                                                   10.0
                                                                         11.4
                                                                                13.3
## 5724
          14.9 20.0
                      21.2 24.3
                                   26.9
                                         25.7
                                                23.1
                                                      18.7
                                                             13.1
                                                                    7.9
                                                                          4.7
                                                                                14.5
## 5725
          13.3 15.8
                      23.3
                             26.1
                                   26.4
                                         25.6
                                                25.8
                                                      19.4
                                                              9.6
                                                                    8.9
                                                                          7.2
                                                                                12.9
          12.6
               17.7
                      23.3
                             25.0
                                   26.5
                                          26.8
                                                26.9
                                                      19.8
                                                            10.1
                                                                   10.5
                                                                          9.9
                                                                                10.2
## 5726
                      20.6
## 5727
          17.3 16.4
                             24.7
                                   26.2
                                         26.2
                                                23.3
                                                      19.0
                                                             14.1
                                                                    7.3
                                                                          7.5
                                                                                23.0
          21.2 14.0
                      17.6
                             -2.3
                                   25.9
                                           7.4
                                                      18.9
                                                             -7.4
                                                                   17.1
                                                                         10.6
## 5728
                                                 0.8
## 5729
          17.5
                -0.4
                      10.2
                            16.1
                                   22.4
                                         23.3
                                                14.7
                                                       6.9
                                                             -0.5
                                                                    3.8
                                                                         18.0
                                                                                4.6
## 5730
           0.7
                20.7
                      22.8
                             11.1
                                   23.5
                                          21.9
                                                 1.6
                                                       0.6
                                                             -0.8
                                                                    9.2
                                                                         15.3
                                                                               22.7
          23.9 22.2
                      18.0
                                                              6.5
## 5731
                            11.1
                                    7.6
                                         -1.3
                                                14.8
                                                      14.3
                                                                   -0.6
                                                                         -9.1 -26.3
         -21.3 -16.4 -6.9
## 5732
                              0.9
                                    6.8
                                         14.1
                                                14.4
                                                      12.0
                                                              5.4
                                                                   -6.9 -15.0 -23.7
         -11.1 -11.8 -21.1
                                                12.6
                                                      12.4
                                                                   -4.8 -12.7 -24.4
## 5733
                             -5.1
                                    7.6
                                         14.6
                                                              6.4
                             -7.7
## 5734
         -18.9 -13.5 -15.1
                                    8.9
                                         12.0
                                                14.9
                                                      11.8
                                                              4.8
                                                                   -3.7 -16.1 -13.7
## 5735
        -18.7 -20.8 -18.2
                             -3.8
                                                                   -5.9 -16.8 -27.7
                                    8.5
                                         12.4
                                                12.6
                                                      11.3
                                                              6.8
## 5736
        -23.2 -12.7 -11.7
                             -3.0
                                    5.1
                                         13.1
                                                16.8
                                                      14.6
                                                              4.9
                                                                   -2.8 -16.4 -21.6
                                                                   -5.3 -22.2 -18.1
## 5737
         -15.7 -16.6 -12.8
                             -4.7
                                    7.2
                                         10.5
                                                14.5
                                                      11.2
                                                              7.8
## 5738
         -25.4 -18.1 -17.2
                             -4.6
                                    1.8
                                         13.9
                                                15.6
                                                      12.6
                                                              7.3
                                                                   -2.1 -14.5 -29.8
## 5739
         -24.1 - 24.4 - 2.7
                             -1.4
                                    4.2
                                         11.4
                                                13.1
                                                      11.1
                                                              8.9
                                                                   -9.9 -12.9 -25.4
## 5740
        -29.3 -17.7 -19.8
                            -4.9
                                    4.4
                                         14.2
                                                13.0
                                                      10.9
                                                              7.5
                                                                  -4.6 -12.9 -25.7
        -23.8 -18.1 -8.1 -0.1
## 5741
                                    7.2
                                         12.5 13.5
                                                     12.7
                                                              7.3 - 4.8 - 10.0 - 18.1
```

```
## 5742
        -20.5 -21.7 -11.3 -5.2
                                   6.7 13.1 16.1 13.6
                                                           4.6 -5.7 -16.2 -26.2
        -24.7 -18.6 -9.4
                             0.1
                                       14.2 13.3
                                                           7.8
## 5743
                                   9.1
                                                     9.1
                                                                 0.7 - 17.8 - 15.1
## 5744
        -30.5 - 14.2 - 9.0 - 3.6
                                   8.4
                                       12.2
                                              13.8
                                                    11.4
                                                           4.2 -6.1 -10.4 -23.3
## 5745
        -33.1 -20.8 -19.6 -5.3
                                   5.4
                                       14.8
                                              13.8
                                                    13.3
                                                           7.1
                                                               -2.3 -17.4 -17.6
## 5746
        -26.4 -21.8 -20.1
                           -7.0
                                   6.0
                                        12.8
                                              16.3
                                                    14.2
                                                           6.1
                                                               -0.3 -13.4 -19.4
        -27.9 -19.3 -13.1
                             8.1 13.4 14.3
                                             10.9
                                                   -4.2 -19.2 -21.3 -24.1 -24.7
## 5747
## 5748
        -13.9 -1.4
                       8.6 12.4 15.1 14.2
                                               9.7 - 6.3 - 17.5 - 25.3 - 25.9 - 21.4
        -13.9 -5.3
                           12.2
                                       12.2 -4.7 -22.4 -27.1 -25.7 -27.2 -13.2
## 5749
                       6.8
                                  15.4
## 5750
         -2.2
                 6.3
                     13.0
                           14.8
                                   6.8
                                       -5.1 -11.6 -21.1 -11.9 -14.1 -17.5
                                                                            -7.7
## 5751
          5.3 13.9
                     16.5
                           16.1
                                  7.9 -2.3 -20.8 -15.1 -14.1 -10.4
                                                                       0.6
                                                                             9.3
## 5752
         10.8 15.1 14.2
                             7.4
                                 -4.9 -9.9 -12.6 -18.2 -29.7 -9.9
                                                                      -1.1
                                                                             9.2
## 5753
          11.4 14.2 13.8
                             7.9
                                  0.1 -5.9 -25.9 -25.3 -11.2 -8.6
                                                                       1.1
                                                                             8.7
## 5754
         11.0 14.0 11.1
                             5.7
                                 -1.3 -13.5 -31.9 -9.8 -14.0 -2.8
                                                                      -1.0
                                                                            10.6
                     11.6
                             5.2 -2.2 -12.9 -21.6 -24.2 -17.7 -12.4
## 5755
         12.3 13.1
                                                                      -7.2
                                                                             5.1
## 5756
         12.9 14.3
                     12.8
                             7.3 -8.4 -14.6 -19.9 -26.2 -18.3 -12.7
                                                                      -1.0
                                                                             8.4
## 5757
          13.7 15.3
                     10.2
                             4.3
                                 -5.4 -10.0 -17.6 -22.2 -26.7
                                                                -7.4
                                                                      -6.1
                                                                             4.6
                     11.6
                             7.0 -3.0 -16.8 -17.0 -10.9 -21.1
## 5758
         14.0 14.4
                                                                -9.6
                                                                       5.0
                                                                            11.5
## 5759
         15.8 10.8
                       6.1
                           -6.3 -18.5 -11.5 -20.1 -15.3 -15.8
                                                                -6.1
                                                                            14.6
                                                                       6.4
                       7.4 -3.9 -15.6 -13.1 -17.9 -17.1 -10.7
## 5760
         15.3 11.3
                                                                -2.6
                                                                       7.6
                                                                            13.4
## 5761
          15.4 13.7
                       5.8
                             0.4 -14.2 -21.8 -18.8 -16.6 -10.2
                                                                -2.3
                                                                       9.8
                                                                            14.5
## 5762
          17.4 12.5
                       6.5 -8.1 -16.7 -14.2 -33.1 -8.1 -13.8
                                                                 0.8
                                                                       6.3
                                                                            14.1
          15.8 13.9
                       8.3 -3.6 -18.0 -17.1 -24.0 -28.5 -8.4
                                                                 2.7
## 5763
                                                                       9.4
                                                                            14.7
                       6.1 -3.7 -16.4 -21.5 -19.4 -18.2 -10.3
          16.9 14.2
                                                               -0.2
## 5764
                                                                       8.4
                                                                            15.2
                           -2.2 -16.2 -21.8 -19.6 -20.2 -11.1
                                                                -2.8
## 5765
         14.4 12.0
                       9.5
                                                                       4.3
                                                                            14.3
## 5766
         16.2 12.9
                       0.9 \quad -7.4 \quad -11.2 \quad -20.1 \quad -18.3 \quad -15.2 \quad -7.6
                                                                 2.7
                                                                      10.3
                                                                            14.4
## 5767
         17.3 13.0
                       6.0 -0.4 -11.0 -14.8 -18.4 -15.8 -13.9
                                                                 0.1
                                                                       9.7
                                                                            13.7
## 5768
          15.6 13.3
                       6.9 -5.8 -15.9 -21.3 -20.7 -14.7 -15.4
                                                                 3.0
                                                                            13.3
                                                                      10.4
## 5769
         15.2 12.3
                       9.8 -3.3 -16.7 -21.4 -24.4 -19.8 -6.9
                                                                -2.2
                                                                       8.7
                                                                            13.7
## 5770
         16.1 11.2
                       4.9 -8.1 -17.4 -27.1 -24.8 -10.6 -14.6
                                                                 1.3
                                                                       9.5
                                                                            16.2
## 5771
         17.6 14.5
                       9.8 -7.4 -9.9 -21.7 -24.1 -16.9 -6.5
                                                                 3.1
                                                                       8.2
                                                                            14.2
## 5772
          15.2 10.6
                       7.9
                           -1.9 -14.2 -22.2 -26.0 -26.0 -13.4
                                                                -1.2
                                                                       7.2
                                                                            14.5
## 5773
          14.9
               13.4
                       7.7
                           -5.4 -17.9 -25.6 -21.7 -11.0 -9.3
                                                                -1.1
                                                                       6.1
                                                                            14.9
## 5774
          14.2 10.9
                       5.6 -4.7 -10.7 -15.7 -11.9 -10.9 -11.3
                                                                -0.3
                                                                       4.7
                                                                            15.4
## 5775
          14.5 13.2
                       8.5 -5.3 -19.6 -24.7 -15.1 -14.5 -9.5
                                                                -3.3
                                                                            14.3
                                                                       9.7
## 5776
          16.0 12.2
                             0.2
                                 -6.6 -15.0 -20.8 -8.7 -10.9
                                                                 0.3
                                                                       7.2
                                                                            14.7
                       8.4
          15.9 13.5
                             0.6 -9.9 -23.0 -25.2 -14.1 -12.6
                                                                 2.2
                                                                      11.5
## 5777
                       5.7
                                                                            16.8
## 5778
          17.4 16.1
                       4.5
                             0.7 -9.2 -18.2 -21.6 -17.9 -8.6
                                                                -3.0
                                                                      11.8
## 5779
          16.9 14.2
                       8.9 -1.2 -21.0 -15.0 -29.8 -11.6 -13.9
                                                                -3.0
                                                                       9.0
                                                                            13.4
          15.9 11.9
                       9.4
                             1.9 -16.9 -20.5 -20.8 -18.4 -19.8
                                                                 3.9
                                                                      10.0
## 5780
                                                                            14.1
          16.4 14.9
                       9.2 -3.5 -9.5 -18.1 -20.3 -20.1 -9.7
## 5781
                                                                -3.2
                                                                       8.2
                                                                            13.4
                       8.1 -9.3 -16.7 -18.6 -23.8 -15.9 -14.2
## 5782
         14.2 12.4
                                                                -1.0
                                                                       8.8
                                                                            13.9
## 5783
         17.3 12.1
                            1.1 -17.6 -18.2 -23.1 -14.8 -14.3
                                                                 0.4
                                                                      10.4
                       8.1
                                                                            14.0
## 5784
         14.5 13.5
                       8.2 -2.1 -11.0 -26.1 -20.3 -16.1 -11.5
                                                                -1.4
                                                                       9.1
                                                                            13.7
## 5785
          13.7
               11.8
                       8.7 -0.7 -20.7 -15.7 -33.5 -14.2 -16.6
                                                                 0.5
                                                                       7.9
                                                                            14.7
                       6.2 -3.1 -18.4 -24.3 -16.9 -17.5 -12.5
## 5786
          13.7 12.4
                                                                -7.1
                                                                       5.7
                                                                            16.7
                             3.7 -10.4 -18.3 -10.2 -15.9 -10.4
## 5787
          15.5 13.7
                       5.7
                                                                 0.1
                                                                       9.4
                                                                            12.5
## 5788
          15.0 13.9
                       7.7 -3.2 -8.8 -11.7 -20.5 -13.3 -7.9
                                                                 2.1
                                                                      11.5
                                                                            15.5
## 5789
          15.4 12.6
                       6.2
                            1.1 -8.4 -17.2 -12.5 -12.6 -8.0
                                                                 4.2
                                                                      10.7
                                                                            14.7
                                                                       9.5
## 5790
          16.1 15.0
                       8.1 -1.5 -15.1 -18.3 -21.2 -16.8 -15.6
                                                                 2.7
                                                                            15.7
## 5791
          17.7
               13.0
                       8.5
                             1.2 -10.2
                                       -6.9 -20.3 -12.0
                                                         -7.0
                                                                 0.9
                                                                       8.5
                                                                            14.6
          17.4 13.2
## 5792
                             2.4 -9.5 -18.0 -19.4 -11.5
                       9.5
                                                         -2.7
                                                                 0.1
                                                                      10.0
                                                                            17.0
## 5793
         17.8 13.5
                       9.0 -0.1 -10.3 -21.5 -31.2 -20.0 -12.4
                                                                -0.6 10.8
## 5794
          15.4 14.4
                       7.5 -0.6 -13.2 -17.3 -16.7
                                                     7.0
                                                           6.9
                                                                16.6
                                                                      28.0
                                                                            30.3
                                  1.9 16.0 21.0 27.1 28.3
## 5795
         21.8 13.4
                       7.1
                             6.2
                                                                28.9 26.6 20.4
```

```
## 5796
          12.8 12.2
                        4.5
                              2.9 - 2.6
                                         -2.1 14.2 10.7
                                                            22.3
                                                                  18.4
                                                                         13.0
## 5797
          -3.1
                 2.3
                      10.5
                             25.3
                                   21.4
                                           4.9
                                                23.7
                                                       8.9
                                                              1.5
                                                                   19.9
                                                                         23.6
                                                                               -2.0
                                                                   15.4
                                                                         23.5
## 5798
          -0.7
                 8.4
                      14.0
                             23.6
                                   24.6
                                           5.7
                                                -1.3
                                                      -8.3
                                                              9.2
                                    0.4
                                         -3.6
## 5799
          23.8
                19.6
                      11.3
                              5.5
                                                 6.7
                                                      11.0
                                                            17.7
                                                                   23.6
                                                                         24.4
                                                                                26.4
## 5800
          26.2
                25.9
                      18.6
                              9.6
                                    8.8
                                          8.4
                                                15.1
                                                      19.3
                                                            23.6
                                                                   26.5
                                                                         25.7
## 5801
          18.3
                13.5
                        6.2
                              6.4
                                   20.8
                                         26.7
                                                23.9
                                                      21.1
                                                            25.0
                                                                   18.2
                                                                         22.9
                                                                                19.1
          20.9
                22.1
                      22.1
                             24.8
                                   25.2
                                         25.8
                                                25.9
                                                      25.4
                                                            23.4
## 5802
                                                                   20.7
                                                                         18.7
                20.6
                                                                   21.2
                      25.6
                             22.9
                                   20.9
                                         20.2
                                                19.7
                                                      17.2
## 5803
          19.7
                                                            19.6
                                                                         25.1
                                                                                25.5
##
   5804
          25.5
                24.1
                      23.4
                             20.3
                                   19.2
                                         19.0
                                                20.1
                                                      20.2
                                                            22.7
                                                                   24.9
                                                                         26.6
                                                                                25.7
          25.6
                23.7
                             22.0
                                   19.5
                                                19.9
                                                      20.6
                                                            22.2
##
   5805
                      22.8
                                         19.2
                                                                   24.6
                                                                         26.4
                                                                                26.2
   5806
          25.7
                24.3
                      23.5
                             18.7
                                   18.5
                                         18.1
                                                18.2
                                                      19.0
                                                            21.0
                                                                   24.7
                                                                         25.5
                      22.2
## 5807
          25.2
                24.6
                             20.8
                                   19.0
                                         18.4
                                                18.1
                                                      19.5
                                                            22.4
                                                                   25.1
                                                                         25.0
                                                                                25.6
                      21.5
##
   5808
          25.4
                24.4
                             19.9
                                   17.8
                                         18.5
                                                18.5
                                                      19.2
                                                            21.2
                                                                   25.7
                                                                         24.9
                                                                                24.3
## 5809
          26.2
                26.2
                      21.2
                             24.9
                                         18.3
                                                      19.3
                                                            21.4
                                   17.7
                                                19.1
                                                                   24.8
                                                                         25.7
                                                                                26.1
          25.6
## 5810
                22.4
                      20.1
                             20.4
                                   18.9
                                         18.0
                                                18.3
                                                      19.8
                                                            21.6
                                                                   22.8
                                                                         24.7
                                                                                25.6
## 5811
          26.4
                25.3
                      21.2
                             19.6
                                   17.3
                                         17.8
                                                19.5
                                                      18.5
                                                            20.9
                                                                   24.0
                                                                         25.7
                                                                                26.2
          26.0
                22.9
                      21.1
                             20.3
                                   19.8
                                         17.8
                                                18.8
                                                      19.6
                                                            22.1
                                                                   25.3
                                                                         25.6
                                                                                26.2
## 5812
## 5813
          26.1
                23.2
                      22.0
                             19.8
                                   18.7
                                         18.6
                                                19.1
                                                      17.7
                                                            19.8
                                                                   23.7
                                                                         24.9
                                                                                25.6
          25.9
                                                      18.9
## 5814
                24.0
                      22.6
                            20.8
                                   18.4
                                         18.6
                                                18.8
                                                            20.7
                                                                   22.8
                                                                         24.9
                                                                                26.1
## 5815
          26.3
                24.4
                      23.1
                             20.2
                                   19.3
                                         18.3
                                                19.2
                                                      19.3
                                                            22.1
                                                                   24.8
                                                                         25.0
                                                                                25.7
## 5816
          26.7
                23.9
                      22.7
                             20.3
                                   18.7
                                         18.9
                                                19.4
                                                      18.4
                                                            17.2
                                                                   23.7
                                                                         25.3
                                                                                25.4
## 5817
          25.9
                24.7
                      22.0
                             18.7
                                   17.2
                                         18.3
                                                18.1
                                                      19.0
                                                            19.9
                                                                   23.6
                                                                         25.3
          24.9
                24.0
                      21.4
                             18.8
                                   19.3
                                         17.8
                                                19.6
                                                      19.9
                                                            20.1
                                                                   23.4
                                                                         23.4
                                                                                25.4
## 5818
          25.1
                23.8
                      21.1
                             19.0
                                   20.6
                                         18.0
                                                16.9
                                                      20.0
                                                            21.0
                                                                   23.7
                                                                         24.8
                                                                                26.0
## 5819
          28.5
                      24.1
                                   18.1
                25.5
                             20.5
                                         17.2
                                                                         26.1
                                                                                26.9
## 5820
                                                17.6
                                                      19.2
                                                            21.7
                                                                   24.2
## 5821
          26.1
                23.0
                      19.8
                             19.7
                                   17.5
                                         18.5
                                                18.9
                                                      21.1
                                                            23.3
                                                                   24.0
                                                                         23.9
## 5822
          25.6
                23.6
                      21.4
                             20.2
                                   18.7
                                         18.5
                                                20.4
                                                      21.3
                                                            21.4
                                                                   26.2
                                                                         26.2
                                                                               26.5
## 5823
                      23.5
                             23.5
                                   18.0
                                         20.1
                                                            23.2
          25.6
                24.0
                                                20.1
                                                      22.0
                                                                   24.0
                                                                         25.2
                                                                                26.5
          25.9
                      24.0
                                                            24.3
## 5824
                24.0
                            18.3
                                  17.8
                                         18.3
                                                18.0
                                                      19.0
                                                                   25.7
                                                                         26.3
                                                                               26.0
## 5825
          22.9
                22.5
                      19.5
                             18.6
                                   22.5
                                         21.2
                                                23.6
                                                      23.6
                                                            27.1
                                                                   26.1
                                                                         24.1
                                                                                22.8
## 5826
          21.5
                20.2
                      20.6
                             20.2
                                   22.2
                                         24.5
                                                26.3
                                                      26.9
                                                            24.7
                                                                   24.8
                                                                         22.1
                                                                                19.6
##
  5827
          19.4
                20.2
                      21.0
                             21.9
                                   26.4
                                         26.4
                                                25.0
                                                      25.0
                                                            21.4
                                                                   19.2
                                                                         17.9
                                                                                19.4
                                                                         25.3
##
  5828
          22.8
                23.6
                      26.4
                             24.9
                                   21.8
                                         18.4
                                                17.8
                                                      18.0
                                                            19.5
                                                                   22.1
                                                                                25.4
          25.6
## 5829
                25.3
                      24.4
                             21.6
                                   18.6
                                         22.3
                                                19.2
                                                      20.7
                                                            26.6
                                                                   27.0
                                                                         27.1
                                                                                24.9
## 5830
          23.8
               21.4
                      18.2
                             19.8
                                   26.0
                                         23.6
                                                22.6
                                                      20.3
                                                             18.7
                                                                   21.3
                                                                         26.9
                                                                                27.0
## 5831
          27.3 21.6
                      24.6
                            26.7
                                   25.3
                                         19.0
                                                27.1
                                                      18.9
                                                            21.5
                                                                   21.6
                                                                         26.5
                                                                                28.0
## 5832
          27.6
               26.5
                      27.1 21.1
                                   19.0
                                         20.3
                                                21.0
                                                      22.8
                                                            25.0
                                                                   25.9
                                                                         27.0
## 5833
          26.3
               24.0 21.4
                            20.0
                                   -8.6
                                           6.0
                                                -9.7
                                                      -0.1
                                                             3.2
                                                                    4.5 -22.7
                                                                                 5.9
## 5834
          13.0 -1.2 -17.0 -15.2 -16.3
                                          8.6
                                                 5.2 -16.3 -30.6
                                                                    3.5
                                                                          9.0
                                                                                -2.5
                              2.9 -10.7 -10.1
                                                              6.4
## 5835
         -15.4 -13.2
                        8.6
                                                 5.3
                                                     13.2
                                                                   -9.4
                                                                          2.5
                                                                                 3.2
               -9.2 -10.3 -19.6
                                   -9.2
                                         -7.2 -14.7 -16.1
                                                             -3.9
                                                                    1.7
                                                                         21.1
  5836
          -1.5
                                                                                 8.0
## 5837
           4.6 -3.2 -8.1
                              6.7
                                   21.6
                                         20.8
                                                21.1
                                                      17.6
                                                             13.6
                                                                    2.8
                                                                         -5.8
                                                                                12.9
                      18.3
                              3.3
                                   -3.2
                                          7.2
                                                             19.4
                                                                    8.4
## 5838
          20.0
               21.4
                                                13.6
                                                      18.9
                                                                         -4.9
                                                                                -3.6
                16.4
                      20.2 23.5
                                   22.8
                                         10.9
                                                -6.6
                                                      -4.1
                                                             7.1
##
  5839
          11.1
                                                                   14.7
                                                                         19.8
                                                                                21.2
                      -1.8
                                                             20.9
## 5840
          10.1
                 6.1
                            -1.0
                                    8.1
                                         17.0
                                                21.3
                                                      24.7
                                                                   16.0
                                                                         10.2
                                                                                 3.3
          -2.7
                                                 2.8
                                                       7.7
                                                                   21.1
## 5841
                 6.3
                      16.1
                            19.7
                                   15.5
                                         11.2
                                                             14.8
                                                                         19.8
                                                                                20.6
## 5842
          16.6
                 1.8
                      -5.8 -10.6
                                   16.8
                                          19.9
                                                22.3
                                                      20.9
                                                             19.6
                                                                   11.6
                                                                          7.5
                                                                                -3.1
                14.8
                      23.0
                            18.8
                                    7.0
                                                                   20.3
                                                                                18.8
## 5843
          -1.6
                                          -1.7
                                                 0.8
                                                      10.4
                                                             13.8
                                                                         22.1
## 5844
          17.3
                13.3
                      -4.8
                             -2.4
                                    3.8
                                         17.6
                                                23.2
                                                      22.4
                                                             18.3
                                                                    9.7
                                                                          1.3
                                                                               -4.1
                             23.5
                                                             -2.8
                                                                                20.3
## 5845
           8.6
                13.0
                      18.9
                                   20.8
                                         18.4
                                                 0.8
                                                      -0.9
                                                                    5.9
                                                                         12.7
## 5846
          23.5
                22.2
                      15.6
                              8.9
                                    7.1
                                          -0.1
                                                -2.4
                                                      -6.4
                                                             9.3
                                                                   14.6
                                                                         21.7
                                                                                21.6
                                                                   23.5
## 5847
          22.2
                17.2
                      13.7
                              4.3
                                    1.8
                                         -6.5
                                                 8.9
                                                       7.0
                                                            11.3
                                                                         20.9
                                                                               14.8
## 5848
          11.3
                 7.4
                        5.4
                             15.4
                                   20.2
                                         24.8
                                                23.7
                                                      19.2
                                                            10.6
                                                                   25.5
                                                                         21.5
                                                                                14.6
                        7.4
                                         25.4 21.9
## 5849
           8.6
                 5.0
                            20.2
                                   24.9
                                                      15.5
                                                             5.0
                                                                    3.2
                                                                          3.4
                                                                               26.3
```

```
## 5850
          26.7 24.0
                        3.2
                              9.1
                                    20.8
                                          25.7 27.1
                                                       25.7 14.4
                                                                  11.6
                                                                           7.4
## 5851
          27.0
                24.3
                       21.4
                              8.2
                                     6.4
                                          16.4
                                                 24.2
                                                       21.8
                                                             17.1
                                                                     7.6
                                                                          16.9
                                                                                 21.5
          25.0
## 5852
                25.0
                       22.2
                              5.2
                                     3.4
                                          17.2
                                                 21.7
                                                       27.1
                                                             26.6
                                                                    17.6
                                                                          12.0
                                                                                 21.9
                                                       22.9
##
  5853
          17.3
                15.0
                       22.5
                             25.9
                                    25.6
                                          17.2
                                                 16.9
                                                             24.3
                                                                    26.8
                                                                          25.0
                                                                                  9.3
          18.3
##
   5854
                23.7
                       26.5
                             25.3
                                    21.2
                                          17.7
                                                 13.3
                                                        6.1
                                                              5.8 -32.2 -25.3 -19.1
  5855
           6.6 -23.2 -11.6
                             -7.8
                                     6.5
                                          -2.4 -11.2 -35.2
                                                             11.2
                                                                     2.7 -16.9 -27.6
##
         -24.9 -3.6
                        8.2 -12.3 -38.7 -33.0 -32.7 -15.9
                                                               7.7
   5856
                                                                    12.6
                                                                          10.1
         -11.4 -14.8 -27.4 -30.6
                                   -8.4
                                          12.8
                                                 8.2
                                                       -2.0
                                                             -9.0
## 5857
                                                                     6.5
                                                                           1.1 - 11.6
   5858
         -20.3 -32.7 -31.4 -22.9
                                    -7.1
                                           4.6
                                                 11.8
                                                        2.7
                                                               4.0
                                                                     5.7
                                                                          16.0
                                                                                 22.9
          24.4 20.8
                        6.0
                              8.6
                                   22.1
                                          25.0
                                                  4.5
                                                             12.1
                                                                                  7.9
##
   5859
                                                        0.0
                                                                    19.9
                                                                          16.4
   5860
           4.0
                16.7
                       22.5
                              6.6
                                    -0.3
                                           4.1
                                                 17.2
                                                       19.0
                                                             19.9
                                                                    25.2
                                                                          26.5
                                                                                 25.1
                       15.9
                                                                                  6.3
## 5861
          22.1
                  8.4
                             19.8
                                    24.3
                                          26.7
                                                 24.7
                                                       20.8
                                                             13.6
                                                                    10.3
                                                                           4.6
##
   5862
          14.1
                22.2
                       27.5
                             19.8
                                    14.2
                                           6.6
                                                  2.8
                                                       14.2
                                                             24.5
                                                                    18.8
                                                                          14.5
                                                                                  6.8
## 5863
          -0.9
                  2.8
                       13.3
                             23.6
                                    22.3
                                          20.3
                                                  1.3
                                                       -1.5
                                                              14.0
                                                                          23.4
                                                                    20.4
                                                                                 24.5
  5864
          23.6
                21.0
                       13.8
                              1.5
                                     4.1
                                          14.2
                                                 17.4
                                                       23.5
                                                             26.1
                                                                    16.7
                                                                          10.1
                                                                                 17.8
##
##
   5865
          18.6
                23.8
                       26.5
                             21.0
                                     8.9
                                           2.6
                                                 12.9
                                                       16.3
                                                              5.2
                                                                     6.4
                                                                          21.9
                                                                                 23.6
          26.6
                23.6
                        7.7
                              6.0
                                     7.2
                                          13.7
                                                 17.6
                                                       24.1
                                                             27.5
                                                                    20.0
                                                                          16.0
                                                                                 12.4
##
  5866
##
   5867
           5.2
                  3.9
                        3.8
                             15.1
                                    18.5
                                          24.3
                                                 26.2
                                                       25.6
                                                             21.6
                                                                    18.1
                                                                           8.5
                                                                                  9.1
  5868
                24.5
                       26.8
                             27.2
                                    28.1
                                          25.4
                                                 16.6
                                                        9.7
                                                             19.2
                                                                    24.2
                                                                          27.4
##
           1.3
                                                                                 16.0
## 5869
          21.1
                 25.6
                       28.5
                             28.5
                                    12.5
                                          28.8
                                                 9.3
                                                       20.2
                                                             29.1
                                                                    21.3
                                                                          23.3
                                                                                 29.0
                             17.4
                                                                    15.0
                                                                          12.8
## 5870
          14.2
                24.1
                       27.6
                                    15.2
                                          23.8
                                                 28.4
                                                       28.5
                                                             28.9
                                                                                 20.7
## 5871
          23.4
                28.3
                       28.6
                             26.7
                                    22.7
                                           9.8
                                                 11.8
                                                       29.2
                                                             28.4
                                                                    26.1
                                                                          18.0
                                                 22.5
## 5872
          28.8
                27.7
                       26.6
                             23.3
                                    19.1
                                          15.0
                                                       24.8
                                                             27.9
                                                                    29.3
                                                                          26.6
                                                                                 22.4
          19.9
                  9.9
                       17.8
                             20.2
                                    29.8
                                          15.2
                                                 12.6
                                                       16.0
                                                             19.8
                                                                    25.3
                                                                          27.5
                                                                                 28.2
## 5873
                       20.7
                             25.0
                                    27.7
                                          27.5
                                                 29.2
                                                       26.4
                                                             19.4
## 5874
          14.9
                14.1
                                                                    13.4 11.7
                                                                                 21.6
                             29.6
  5875
          25.2
                28.6
                       28.9
                                    27.0
                                          24.1
                                                 17.5
                                                       20.4
                                                             12.6
                                                                    -4.0 -13.4 -13.2
## 5876
           5.4
                -1.0
                        7.6
                             15.2
                                    19.6
                                           4.0 -12.0
                                                       18.3
                                                             15.0
                                                                   -5.2 -15.7
                                                                                 -6.4
   5877
                  3.2
                       12.0
                             22.3
                                   19.9
                                          13.4
                                                       -6.8
                                                              -8.8 -15.6
         -11.1
                                                -1.5
                                                                           4.8
                                                                                 12.5
                       20.3
                                                               5.2
## 5878
          21.1
                 22.5
                             17.1
                                     9.8
                                          -1.3 -11.1 -17.4
                                                                    26.1
                                                                          23.4
                                                                                 20.6
  5879
          15.7
                 24.2
                       21.9
                              5.0
                                    10.4
                                          22.3
                                                 20.5
                                                       11.8
                                                               2.8
                                                                     2.5
                                                                          12.4
                                                                                 16.7
## 5880
          22.4
                 25.1
                       24.7
                             21.9
                                    18.0
                                           8.6
                                                  7.6
                                                        0.5
                                                               9.3
                                                                     6.5
                                                                          12.0
                                                                                 20.7
##
   5881
          24.2
                 26.6
                       26.8
                             21.1
                                    15.6
                                          10.7
                                                 7.4
                                                        6.4
                                                              15.1
                                                                    21.0
                                                                          25.5
                                                                                 24.3
##
   5882
          28.5
                23.7
                       18.4
                             10.6
                                    8.5
                                          16.2
                                                 20.7
                                                       25.8
                                                              26.0
                                                                    25.4
                                                                          22.9
                                                                                 15.7
   5883
           9.3
                  6.0
                        7.8
                             15.9
                                    20.9
                                          26.2
                                                 25.1
                                                       25.1
                                                              15.7
                                                                     5.1
                                                                           3.0
                                                                                  4.0
##
##
   5884
          17.8
                 22.5
                       27.0
                             27.7
                                    27.6
                                          23.8
                                                 16.8
                                                       11.0
                                                              4.0
                                                                     9.1
                                                                          18.2
                                                                                 21.0
  5885
          26.5
                27.4
                       21.8
                             15.1
                                   12.1
                                           8.1
                                                 10.5
                                                       18.1
                                                             22.6
                                                                    27.6
                                                                          25.1
                                                                                 22.2
##
##
  5886
          16.2
                  9.9
                        9.2
                              7.3
                                    16.2
                                          19.7
                                                 24.3
                                                       24.7
                                                              22.3
                                                                    16.9
                                                                           9.6
                                                                                  1.9
##
   5887
           7.7
                 16.0
                       20.9
                             24.9
                                    25.0
                                          24.8
                                                 23.3
                                                       17.4
                                                               7.9
                                                                     5.2
                                                                           3.4
                                                                                 17.7
   5888
          21.8
                25.9
                       27.0
                             25.6
                                    22.2
                                          16.6
                                                 13.6
                                                        4.9
                                                              8.3
                                                                    17.1
                                                                          20.7
                                                                                 26.6
##
                       25.0
                                           7.9
  5889
          27.6
                27.0
                             18.6
                                   13.0
                                                  9.9
                                                       11.9
                                                             19.2
                                                                    21.1
                                                                          24.1
                                                                                 26.3
##
   5890
          25.4
                22.2
                       17.5
                             12.1
                                     3.7
                                          13.5
                                                 15.0
                                                       22.8
                                                             25.3
                                                                    26.0
                                                                          25.3
          18.3
## 5891
                 9.2
                        7.6
                              6.7
                                    11.0
                                          17.7
                                                 23.6
                                                       24.3
                                                             26.8
                                                                    26.7
                                                                          25.9
                                                                                 19.1
                  8.8
                        9.2
                             15.5
                                    19.6
                                                 26.7
                                                       25.8
##
   5892
          10.0
                                          23.9
                                                             22.3
                                                                    18.3
                                                                          13.5
                                                                                  6.8
                14.0
                       13.3
                             20.4
                                    21.2
                                          24.6
                                                 28.7
                                                             26.2
                                                                    22.2
##
   5893
           7.1
                                                       29.1
                                                                          16.3
                                                                                 14.2
                       23.3
                             27.7
                                    29.3
                                          27.8
                                                 23.4
   5894
          17.0
                 22.4
                                                       17.3
                                                             15.7
                                                                    13.8
                                                                          14.7
          22.9
                       26.9
                                    26.5
                                          22.0
                                                       12.6
## 5895
                 25.9
                             28.4
                                                 13.6
                                                             15.5
                                                                    17.4
                                                                          21.3
                                                                                 25.5
##
   5896
          29.1
                 27.3
                       24.2
                             15.0
                                    13.6
                                          17.1
                                                 20.7
                                                       24.5
                                                             27.0
                                                                    29.2
                                                                          28.9
                                                                                 25.5
   5897
          20.4
                16.0
                       14.6
                             10.8
                                                                    28.5
                                                                          26.1
                                                                                 20.0
##
                                    11.7
                                          14.7
                                                 21.2
                                                       24.8
                                                             28.6
   5898
          18.6
                13.1
                       27.7
                             25.3
                                    22.0
                                          18.1
                                                 13.4
                                                       12.0
                                                             11.4
                                                                    17.9
                                                                          23.9
                                                                                 27.7
                       26.9
                                                       12.4
                                                                    23.4
## 5899
          29.1
                29.1
                             21.5
                                    16.7
                                          13.5
                                                 10.9
                                                             15.9
                                                                          26.3
                                                                                 27.5
##
  5900
          27.9
                24.7
                       21.7
                             18.3
                                     8.0
                                           9.8
                                                 13.7
                                                       17.7
                                                             24.5
                                                                    27.3
                                                                          28.8
                                                                                 28.1
                      16.6
## 5901
          25.0
                23.4
                             17.6
                                     7.7
                                          11.0
                                                 18.8
                                                       25.3
                                                             27.1
                                                                    27.9
                                                                          29.3
                                                                                 26.5
## 5902
          22.6
               19.3
                      11.2
                             13.3
                                    15.9
                                          18.2
                                                 23.1
                                                       24.4
                                                             27.8
                                                                    29.4
                                                                          28.9
                                                                                 27.8
                                                      25.2 27.2
## 5903
          21.7 17.2 12.2 11.7
                                   13.9
                                          16.1 20.0
                                                                    28.8
                                                                          29.8
                                                                                26.9
```

```
## 5904
          21.7 16.7 14.4 10.0 13.2 17.0 20.7 24.0
                                                          27.3
                                                                 29.6
                                                                       30.4
                                                                             27.6
## 5905
          23.6
               19.8
                     14.3
                           15.3 12.4
                                        17.3
                                              21.6
                                                    27.3
                                                           27.9
                                                                 29.0
                                                                       28.9
                                                                             25.9
                            15.1
                                  16.2
                                        17.6
                                                           29.6
                                                                 28.5
                                                                       29.6
## 5906
          22.6
               18.3
                      7.8
                                              21.4
                                                    25.9
                                                                             27.4
                           10.9
                                  14.9
                                        18.9
                                              23.4
                                                     25.6
## 5907
          21.5 19.0 12.8
                                                           27.9
                                                                 28.9
                                                                       29.2
## 5908
          23.4
               15.3
                     14.8
                            11.9
                                  16.3
                                        18.9
                                              21.4
                                                     23.9
                                                           28.8
                                                                 29.6
                                                                       28.3
                                                                             27.6
## 5909
          23.4 15.4 15.2 12.4 14.4
                                        17.8
                                              19.9
                                                    23.4
                                                           27.3
                                                                 29.3
                                                                       29.9
                                                                             27.6
               14.7
                     14.0 13.4 13.8
                                        17.4
                                              21.3
                                                     24.5
                                                           28.4
                                                                 29.6
## 5910
          22.1
                                                                       28.3
               19.8 15.0 12.9
                                  15.6
                                        17.1
                                              20.6
                                                     25.5
                                                           26.7
## 5911
          23.1
                                                                 29.6
                                                                       29.1
                                                                             27.3
## 5912
          22.2 17.2
                     14.1
                           11.7
                                  14.6
                                        14.4
                                              20.6
                                                     27.2
                                                           28.2
                                                                 29.4
                                                                       28.5
                                                                             26.1
                           11.0
                                        18.6
                                                           27.0
                                                                 29.2
                                                                       29.3
                                                                             26.8
## 5913
          22.6
               17.6
                     14.8
                                  13.7
                                              18.6
                                                    23.4
## 5914
          21.3
               14.5
                     11.3
                            14.7
                                  13.9
                                        16.1
                                              19.6
                                                     26.2
                                                           30.0
                                                                 30.6
                                                                       29.5
                                                           27.1
                                                                 27.5
## 5915
          22.9
               18.2
                     12.6
                            14.1
                                  17.0
                                        17.9
                                              21.9
                                                     25.0
                                                                       29.5
                                                                             26.0
## 5916
          21.7
                18.3
                     13.5
                            15.2
                                  18.2
                                        20.6
                                              21.4
                                                     26.2
                                                           27.8
                                                                 29.8
                                                                       29.7
                                                                             27.4
          22.6
               15.6
                       9.9
                           10.9
                                        14.5
                                              22.5
                                                     25.1
                                                           28.0
                                                                 29.5
                                                                       29.0
                                                                             25.5
## 5917
                                  16.0
## 5918
          21.0
               18.0 14.2
                            13.9
                                  11.4
                                        16.9
                                              23.6
                                                     25.4
                                                           27.9
                                                                 28.4
                                                                       29.0
                                                                             26.5
## 5919
          22.5
                15.4
                     13.3
                            10.7
                                  12.9
                                        16.8
                                              21.6
                                                    27.5
                                                           28.1
                                                                 27.9
                                                                       28.8
                                                                             25.3
## 5920
          22.2
               18.7
                      12.9
                            13.5
                                  12.6
                                        19.7
                                              20.8
                                                    24.2
                                                           27.2
                                                                 28.3
                                                                       28.0
                                                                             26.8
## 5921
          25.0
               17.4
                     12.4
                            14.0
                                  15.4
                                        17.5
                                              20.2
                                                     24.0
                                                           27.8
                                                                 29.2
                                                                       29.5
                                                                             29.0
                                              23.4
## 5922
          22.0
               18.0
                     12.0
                           14.8
                                 13.5
                                        19.4
                                                     25.5
                                                           27.2
                                                                 28.0
                                                                       29.2
                                                                             26.2
## 5923
          23.0 17.8 13.6
                           10.0
                                  13.5
                                        19.1
                                              19.5
                                                     24.4
                                                           27.4
                                                                 27.3
                                                                       29.0
                                                                             27.1
                                 16.2
                                              21.2
## 5924
          22.6
               17.7
                      14.8
                           11.5
                                        17.4
                                                     26.1
                                                           29.3
                                                                 28.6
                                                                       29.1
                                                                             26.0
## 5925
          21.2 17.4
                     13.3
                           13.3
                                  17.0
                                        17.8
                                              21.4
                                                     26.1
                                                           29.2
                                                                 31.2
                                                                       30.6
          22.6 17.1 10.2 10.7
## 5926
                                  10.4
                                        16.1
                                              21.4
                                                     26.0
                                                           28.9
                                                                 29.1
                                                                       30.4
                                                                             27.1
          21.8 17.0
                      13.6
                            11.5
                                  13.9
                                        20.2
                                              24.4
                                                     25.6
                                                           29.5
                                                                 30.8
                                                                             28.5
## 5927
                                                                       31.9
                                                    26.2
          22.2 17.9
                           14.9
                                  15.7
                                        20.5
                                              23.3
                                                          29.1
                                                                 28.7
                                                                       29.8
                                                                             27.1
## 5928
                     13.7
## 5929
          22.4 18.1
                     15.7
                            13.6
                                  15.4
                                        16.8
                                              20.1
                                                     24.3
                                                           29.1
                                                                 29.2
                                                                       30.0
## 5930
          23.4 16.2
                     11.9
                           11.4
                                  13.6
                                        15.5
                                              21.3
                                                     24.0
                                                           28.5
                                                                 29.7
                                                                       31.0
                                                                             28.4
## 5931
          24.4 15.5
                      15.3
                           10.3
                                  12.2
                                        16.5
                                              22.1
                                                           26.9
                                                     24.8
                                                                 28.6
                                                                       28.4
                                                                             25.7
                     15.2 11.4
                                        19.2
## 5932
          23.1
               18.2
                                 15.0
                                              21.3
                                                     24.3
                                                           27.4
                                                                 29.3
                                                                       27.9
                                                                             26.6
## 5933
          23.0
               19.4
                     14.9
                           15.6
                                  19.1
                                        20.5
                                              22.5
                                                     24.7
                                                           27.8
                                                                 29.3
                                                                       28.2
                                                                             25.7
## 5934
          21.4 19.0
                      12.4
                             9.8
                                  16.2
                                        19.6
                                              19.9
                                                     26.0
                                                           28.5
                                                                 28.3
                                                                       28.9
                                                                             26.4
## 5935
          21.7
               14.7
                      13.5
                            12.3
                                  15.1
                                        17.2
                                              21.2
                                                     25.9
                                                           28.5
                                                                 29.5
                                                                       30.9
                                                                             29.3
## 5936
          22.8
               16.2
                      15.0
                            15.6
                                  14.6
                                        22.2
                                              22.8
                                                     26.3
                                                           28.5
                                                                 30.6
                                                                       30.0
                                                                             27.0
                                                                 28.4
## 5937
          22.5
               19.9
                      13.3
                           13.2
                                 11.1
                                        18.3
                                              21.1
                                                     24.8
                                                           28.2
                                                                       29.4
                                                                             27.3
## 5938
          23.6
               16.7
                      19.0
                            12.0
                                   9.2
                                        12.4
                                              25.2
                                                     24.5
                                                           22.2
                                                                 20.7
                                                                       11.0
                                                                             13.1
                                                                             21.7
## 5939
           6.9
               15.0
                      24.8
                           25.3
                                 22.2
                                        19.3
                                              15.9
                                                     5.2
                                                            6.3
                                                                 10.5
                                                                       13.9
## 5940
          25.6
               24.5
                      17.8
                             7.0
                                   9.0
                                        14.9
                                              13.5
                                                    10.5
                                                            4.9
                                                                  7.7
                                                                       25.2
                                                                             26.1
## 5941
          23.2 14.9
                      13.7
                             8.3
                                  24.8
                                        25.5
                                              21.9
                                                     16.9
                                                          12.3
                                                                10.1
                                                                       12.9
                                                                             14.8
## 5942
          20.8
               25.6
                      25.7
                            26.9
                                  24.6
                                        14.2
                                              11.1
                                                     7.9
                                                           10.9
                                                                 14.3
                                                                       22.3
                                                                             24.4
## 5943
          26.2 25.9
                      23.4
                            18.7
                                  10.6
                                        10.2
                                               7.0
                                                    11.5
                                                          13.3
                                                                 20.4
                                                                       24.0
                                                                             25.9
## 5944
               22.6
                      17.0
                            11.4
                                   8.4
                                         9.4
                                               8.2
                                                    11.3
                                                           21.0
          23.9
                                                                 25.3
                                                                       27.5
## 5945
          11.8
                5.1
                     10.3
                           13.6
                                  -1.4
                                         5.6
                                               9.7
                                                     16.9
                                                           20.2
                                                                 18.0
                                                                       14.1
                                                                              5.8
               -2.2
                      -3.7
                            10.9
                                              17.2
                                                           24.6
## 5946
           3.6
                                  24.0
                                        15.0
                                                     26.6
                                                                 20.5
                                                                        3.4
                                                                              4.7
          14.4
               17.9
                      22.9
                           24.8
                                        20.8
                                              17.4
                                                            9.5
                                                                       17.2
## 5947
                                  24.7
                                                      8.2
                                                                  2.7
                                                                              8.3
               15.2
                            21.8
                                         0.5
## 5948
           9.0
                     19.1
                                  22.0
                                               0.2
                                                      1.6
                                                            3.4
                                                                 10.2
                                                                       14.1
                                                                             21.3
          21.0 19.5
                                   7.0
                                         2.0
                                                           18.7
## 5949
                      16.7
                             9.3
                                               1.1
                                                      0.0
                                                                 11.0
                                                                        9.3 - 10.9
                           -0.4
                                         4.3
## 5950
          11.1 -6.8
                      15.3
                                  13.0
                                              15.1
                                                      7.8
                                                           -9.9
                                                                 -5.5
                                                                       15.4
                                                                              8.6
## 5951
           4.4 - 10.0
                      -4.4
                             7.0
                                  21.3
                                              16.2
                                                           20.9
                                                                  4.4
                                                                       -5.1 -13.5
                                        18.6
                                                    -2.2
## 5952
          18.9 -10.7
                       4.7
                            12.7
                                  21.4
                                        22.8
                                              21.0
                                                    14.3
                                                            0.8
                                                                -5.9
                                                                       -7.1 - 14.3
          5.6 14.2
                      22.8
                            23.5
## 5953
                                  21.6
                                        17.6
                                              10.8
                                                      0.3
                                                           -8.3 -15.2
                                                                        0.1
                                                                             11.4
## 5954
          -7.7
               12.5
                      -3.5
                             0.4
                                  11.5
                                        23.2
                                              22.9
                                                    20.6
                                                           14.8
                                                                  8.2
                                                                       13.2
                                                                             16.5
## 5955
          23.7
                 4.6
                      11.1
                           10.7
                                  21.1
                                        -1.7
                                               9.4
                                                    15.5
                                                           22.5
                                                                23.9
                                                                       21.3
                                                                              7.2
## 5956
          -0.7 -2.2
                     -7.7
                           10.9
                                  15.6
                                        23.1 22.7
                                                     23.0
                                                           20.1
                                                                14.0
                                                                        4.2
                                                                              2.9
          -7.1 -9.3 -2.6
                                 15.5 17.5 21.4 20.4 17.0
## 5957
                             4.8
                                                                  9.1
                                                                        6.2
                                                                             -1.3
```

```
## 5958
           -4.4
                -6.8
                         0.6
                             14.6 18.6
                                           20.7 21.3 15.7
                                                               10.1
                                                                       4.2
                                                                            -1.6
                                                                                   -4.4
## 5959
          -8.9
                  4.5
                        14.6
                              18.1
                                     21.1
                                           21.2
                                                  17.3
                                                         10.9
                                                                7.9
                                                                             -2.3
                                                                                   -4.3
                                                                       1.7
  5960
                              22.7
            2.1
                 16.4
                        18.4
                                     23.3
                                            18.9
                                                   9.7
                                                          3.2
                                                                -3.4
                                                                      -6.7
                                                                              1.7
                                                                                     2.4
                 20.4
                        22.3
                                                               -7.0
                                                                      -2.2
                                                                              2.4
##
   5961
           15.6
                              20.8
                                     16.6
                                             9.4
                                                   5.0
                                                         -1.4
                                                                                   16.2
##
   5962
           17.8
                 21.7
                        18.8
                              16.5
                                     11.0
                                             6.7
                                                   2.6
                                                         -2.6
                                                               -1.5
                                                                       3.5
                                                                             13.5
                                                                                   19.7
   5963
          22.3
                21.8
                        18.0
                              11.2
                                      5.7
                                            -2.7
                                                  -4.8
                                                          2.1
                                                               -0.6
                                                                      14.0
                                                                             20.9
                                                                                   21.9
##
                 16.6
                        14.2
                                            -5.4
                                                  -1.3
                                                          3.8
                                                               16.1
                                                                      17.6
                                                                             21.1
   5964
           22.1
                               4.7
                                      2.8
                              -2.9
                                            -3.3
                                                   4.3
## 5965
           17.6
                11.6
                         6.8
                                     -2.8
                                                          9.6
                                                               17.1
                                                                      18.9
                                                                             21.7
                                                                                   19.4
                                     -3.9
##
   5966
           16.1
                 10.6
                         2.8
                                0.6
                                            -3.9
                                                   4.4
                                                         10.6
                                                               15.5
                                                                      20.3
                                                                             23.0
                                                                                   20.0
                         5.0
                               0.6
                                     -5.7
                                            -2.6
                                                               15.6
                                                                                   22.7
##
   5967
           16.4
                  8.6
                                                   3.4
                                                          8.0
                                                                      18.6
                                                                             24.3
           15.8
##
   5968
                  7.9
                         6.3
                              -1.2
                                     -0.4
                                            -2.2
                                                   2.9
                                                          7.6
                                                               14.1
                                                                      19.4
                                                                             21.3
                                                                                   20.2
   5969
           16.8
                 11.6
                         4.3
                              -7.4
                                      1.8
                                             0.7
                                                   4.8
                                                         10.1
                                                               13.4
                                                                      19.8
                                                                             22.1
                                                                                   20.8
##
##
   5970
           16.4
                 12.9
                         6.8
                               2.2
                                     -2.5
                                             0.8
                                                   4.7
                                                         10.9
                                                                18.7
                                                                      20.8
                                                                             23.0
                                                                                   22.2
                         5.2
  5971
           16.6
                 11.8
                               0.5
                                     -1.9
                                            -0.9
                                                          8.6
                                                               14.8
                                                                      19.1
                                                                             21.7
                                                                                   20.2
##
                                                   1.3
  5972
           17.1
                  9.4
                         5.7
                               0.4
                                      0.0
                                            -4.6
                                                   0.7
                                                          9.9
                                                               16.5
                                                                      20.4
                                                                             24.2
                                                                                   22.5
##
## 5973
           16.2
                 10.0
                         5.2
                              -1.1
                                     -7.3
                                            -4.3
                                                   1.9
                                                         11.0
                                                               13.7
                                                                      21.1
                                                                             23.2
                                                                                   19.5
           16.0
                 10.5
                         8.6
                               2.6
                                      0.5
                                            -3.1
                                                   4.7
                                                          8.0
                                                               15.1
                                                                      21.0
                                                                             24.0
                                                                                   23.6
## 5974
## 5975
           16.9
                 13.6
                         2.1
                              -3.5
                                     -4.4
                                            -2.5
                                                   0.7
                                                          8.5
                                                               13.1
                                                                      20.0
                                                                             20.4
                                                                                   20.8
## 5976
           16.9
                 10.4
                               1.3
                                     -3.7
                                             0.6
                                                   2.6
                                                          7.4
                                                               12.3
                                                                      18.8
                                                                             21.2
                                                                                   19.7
                         2.4
## 5977
           15.6
                  9.7
                         2.7
                              -0.5
                                      1.1
                                             1.8
                                                   5.0
                                                          9.6
                                                               17.3
                                                                      18.4
                                                                             20.8
                                                                                   21.2
##
  5978
           17.6
                 10.8
                         5.3
                               2.0
                                     -2.1
                                            -0.3
                                                   1.8
                                                          8.8
                                                               15.1
                                                                      20.1
                                                                             23.7
                                                                                   20.4
  5979
           17.8
                  9.4
                         7.1
                               0.5
                                     -4.1
                                            -0.8
                                                   5.9
                                                          8.7
                                                               15.4
                                                                      19.2
                                                                             19.5
## 5980
           15.5
                 10.8
                         3.4
                              -5.0
                                     -2.9
                                            -0.9
                                                   0.5
                                                          9.2
                                                               15.3
                                                                      20.2
                                                                             20.0
                                                                                   22.8
## 5981
           15.7
                 11.5
                         8.0
                                2.7
                                      0.7
                                             1.4
                                                   4.2
                                                         10.3
                                                               13.0
                                                                      20.1
                                                                             23.0
                                                                                   22.6
                  9.7
           18.2
                         4.2
                                     -6.3
                                            -4.2
                                                               13.8
                                                                             21.7
                                                                                   21.8
## 5982
                              -1.7
                                                   2.8
                                                          8.5
                                                                      18.0
   5983
           17.2
                  9.2
                         6.9
                              -0.3
                                     -7.4
                                            -3.0
                                                   4.0
                                                          9.5
                                                               17.5
                                                                      18.3
                                                                             21.1
                                                                                   20.4
##
   5984
           17.8
                 10.2
                         5.5
                              -1.0
                                     -4.9
                                           -1.3
                                                  -0.1
                                                         10.7
                                                               13.0
                                                                      22.5
                                                                             24.0
                                                                                   24.1
   5985
                 11.5
                              -2.8
                                           -1.3
                                                   2.9
                                                               14.9
                                                                             23.0
##
           19.6
                         6.4
                                      1.6
                                                         10.1
                                                                      19.1
                                                                                   21.3
                                            -5.9
                                                               15.9
   5986
           15.9
                 10.0
                         7.5
                               3.2
                                     -0.4
                                                   2.1
                                                          7.2
                                                                      20.3
                                                                             21.1
                                                                                   21.4
##
##
   5987
           18.6
                 14.9
                         4.1
                              -0.8
                                     -1.5
                                            -2.1
                                                   2.5
                                                         11.0
                                                               12.6
                                                                      20.8
                                                                             22.4
                                                                                   19.6
## 5988
           17.9
                  9.4
                         4.7
                              -0.4
                                     -6.3
                                           -0.9
                                                   4.1
                                                         10.8
                                                               15.0
                                                                      19.0
                                                                             20.0
                                                                                   21.2
##
   5989
           16.0
                  9.5
                         7.3
                              -1.3
                                     -3.5
                                            -2.3
                                                   6.0
                                                         11.9
                                                               16.5
                                                                      20.9
                                                                             23.8
                                                                                   22.1
                 10.9
                              -3.1
                                     -5.0
                                                                             23.9
##
   5990
           18.4
                         5.6
                                            -1.9
                                                   2.1
                                                         10.3
                                                               17.0
                                                                      20.1
                                                                                   20.9
  5991
           18.4
                 11.1
                         7.7
                               2.3
                                     -0.3
                                             1.4
                                                          9.2
                                                               18.3
                                                                      19.6
                                                                             24.4
                                                                                   22.1
##
                                                   9.4
##
   5992
           17.4
                 12.1
                         4.0
                               2.4
                                     -1.5
                                            -1.7
                                                   1.6
                                                          9.7
                                                                15.7
                                                                      20.3
                                                                             24.0
                                                                                   21.1
  5993
           16.6
                12.8
                         3.6
                              -0.3
                                     -6.0
                                            -4.6
                                                  -0.5
                                                          9.1
                                                               16.2
                                                                      20.9
                                                                             22.4
                                                                                   20.9
##
## 5994
           17.9
                12.8
                         4.0
                               2.0
                                     -4.4
                                            -7.7
                                                   0.4
                                                          9.9
                                                               19.2
                                                                      20.6
                                                                             22.7
                                                                                   22.1
##
  5995
          20.2
                11.4
                         9.1
                               6.9
                                     -2.2
                                             0.4
                                                   7.1
                                                          9.3
                                                               15.3
                                                                      20.6
                                                                             24.1
                                                                                   23.4
   5996
           19.5
                 12.3
                         6.8
                               0.5
                                      0.6
                                             3.1
                                                   1.6
                                                         13.2
                                                               15.0
                                                                      20.4
                                                                             22.7
                                                                                   20.5
##
                                     -3.5
  5997
           18.5
                 15.0
                         5.3
                              -1.4
                                             1.9
                                                   1.2
                                                          6.8
                                                               18.1
                                                                      19.9
                                                                             23.0
                                                                                   23.0
##
   5998
           19.1
                 11.4
                                     -3.2
                                            -0.6
                                                         11.6
                                                                             24.4
                         3.4
                               1.5
                                                   2.5
                                                               16.6
                                                                      19.8
  5999
           19.2
                 13.4
                         3.7
                               0.8
                                      1.0
                                             1.9
                                                   6.8
                                                          8.4
                                                               15.1
                                                                      21.0
                                                                             25.5
                                                                                   23.5
##
   6000
                 12.7
                                           -1.8
                                                                15.6
##
           18.2
                         8.7
                               1.3
                                     -0.9
                                                   5.9
                                                         10.5
                                                                      21.7
                                                                             22.7
                                                                                   23.7
           18.7
                 15.2
                         4.8
                                4.2
                                     -4.3
                                           12.3
                                                                 1.2
##
   6001
                                                   6.2
                                                         -1.0
                                                                       4.1
                                                                             16.5
                                                                                   22.6
   6002
                  2.5
                        -1.3
                               5.6
                                     22.9
                                            16.3
                                                          9.0
                                                               17.1
                                                                      18.9
##
            3.8
                                                   4.6
                                                                             20.8
                                                                                   19.9
                                2.3
                                            12.3
                                                          2.7
                                                                 1.2
## 6003
           18.3
                 11.3
                         1.7
                                     15.1
                                                   6.6
                                                                       6.4
                                                                             17.0
                                                                                   22.8
                 20.5
##
  6004
           23.2
                         0.6
                               9.4
                                     14.7
                                            19.5
                                                  23.2
                                                         -0.3
                                                                 2.1
                                                                      14.8
                                                                             23.8
                                                                                   17.2
   6005
           11.8
                  6.2
                         1.7
                              21.7
                                             5.9
                                                         10.9
                                                                15.2
                                                                      23.4
                                                                             22.6
                                                                                   20.9
##
                                     16.7
                                                  -1.1
##
   6006
           12.9
                 -0.2
                        11.5
                              23.0
                                     24.7
                                            24.6
                                                  25.2
                                                         10.9
                                                                 0.5
                                                                      15.3
                                                                             23.1
                                                                                   23.3
##
   6007
           22.6
                 20.0
                        10.1
                              14.9
                                     21.8
                                            22.9
                                                  21.7
                                                         19.1
                                                                13.1
                                                                       1.3
                                                                             10.8
                                                                                   12.8
                                                                      15.5
   6008
           21.4
                 22.4
                        21.1
                              14.2
                                      0.6
                                             4.9
                                                   9.7
                                                         13.8
                                                                19.6
                                                                              8.0
##
                                                                                    6.4
                        20.3
## 6009
           10.3
                 13.9
                              18.0
                                     11.4
                                           18.5
                                                  19.6
                                                          3.1
                                                                 0.7
                                                                       1.8
                                                                             11.1
                                                                                   12.8
## 6010
           19.9
                 24.0
                        23.9
                              22.1
                                      1.8
                                             0.3
                                                  10.2
                                                         17.4
                                                               22.7
                                                                      23.4
                                                                             24.4
                                                                                   17.9
## 6011
            8.0
                  0.5
                         0.1
                              -1.4
                                      9.8
                                           14.7
                                                  21.4
                                                         23.4
                                                              22.9
                                                                      20.3
                                                                            12.3
                                                                                    8.0
```

```
## 6012
           5.5
                  0.7
                        1.5
                             -2.7
                                     2.2
                                          14.3
                                                 19.0
                                                        23.5
                                                              21.9
                                                                     15.8
                                                                             9.0
## 6013
          -2.0
                -8.0
                       15.6
                              20.5
                                    20.9
                                           21.9
                                                 17.3
                                                        13.5
                                                               3.5
                                                                     -2.9
                                                                           -4.6
                                                                                  10.1
          13.3
## 6014
                 19.9
                       22.3
                              20.6
                                     8.8
                                           -8.5
                                                 -2.4
                                                         9.0
                                                              14.4
                                                                     19.1
                                                                           19.3
                                                                                  20.1
                 -4.5
## 6015
          16.9
                       -3.0
                              11.3
                                    16.3
                                           21.4
                                                 24.5
                                                        22.4
                                                               16.7
                                                                     11.3
                                                                            4.8
                                                                                  -6.3
## 6016
          -4.4
                  8.0
                       16.2
                              20.4
                                    24.5
                                           22.8
                                                 16.4
                                                        11.9
                                                               7.8
                                                                      0.0
                                                                           -0.3
                                                                                   9.0
## 6017
          17.4
                21.2
                       26.8
                              21.1
                                    16.0
                                           10.1
                                                  2.9
                                                        -3.5
                                                               7.1
                                                                     16.4
                                                                           19.7
                                                                                  21.8
          20.5
                16.3
                       10.7
                               2.6
                                    -9.2
                                           15.1
                                                 22.6
                                                        19.6
                                                              20.7
                                                                     18.3
## 6018
                                                                           10.2
                                                              11.2
          -4.5 -10.9
                                    19.3
                                           21.0
                                                 20.1
                                                        18.5
## 6019
                        8.8
                              16.8
                                                                      8.6
                                                                           -1.4
                                                                                  -1.4
##
  6020
           7.3
                17.7
                       19.9
                              22.8
                                    18.6
                                           13.4
                                                  6.3
                                                         1.5
                                                               13.9
                                                                     22.0
                                                                           23.3
                                                                                  17.3
                  3.5
                       -3.7
                              -1.8
                                     4.9
                                           17.8
                                                               9.7
                                                                                  -4.1
## 6021
          12.3
                                                 24.4
                                                        18.4
                                                                      1.3
                                                                            0.0
## 6022
          -3.2
                  8.5
                       14.0
                              21.2
                                    25.4
                                           22.9
                                                 20.6
                                                        12.3
                                                               0.7
                                                                     -0.5
                                                                           -2.0
                                                                                   8.6
                       20.9
                                                        -2.3
## 6023
          15.6
                 20.2
                              15.6
                                    11.3
                                            8.1
                                                              -6.0
                                                                      8.9
                                                                           13.9
                                                                                  21.0
                                                   1.4
##
   6024
          21.6
                 22.3
                       17.8
                              13.7
                                     2.7
                                            1.8
                                                 -7.0
                                                        27.4
                                                              20.3
                                                                     13.1
                                                                           10.1
                                                                                  21.8
## 6025
          23.9
                 26.8
                       29.0
                              25.7
                                    21.9
                                           17.7
                                                 15.3
                                                         9.8
                                                              12.9
                                                                     21.3
                                                                           27.2
                                                                                  27.3
## 6026
          25.8
                 23.4
                       23.2
                              25.5
                                    27.9
                                            8.0
                                                 18.0
                                                        18.5
                                                              26.4
                                                                     26.6
                                                                           28.4
                                                                                  27.5
## 6027
          21.8
                 14.3
                       16.6
                              20.6
                                    26.0
                                           26.8
                                                 27.4
                                                        26.4
                                                               13.7
                                                                     13.8
                                                                           20.7
                                                                                  23.5
  6028
          26.3
                 27.7
                       27.8
                              25.5
                                    21.4
                                           17.3
                                                 11.6
                                                        11.4
                                                              10.0
                                                                     19.3
                                                                           23.2
                                                                                  26.6
##
##
  6029
          27.3
                 27.1
                       24.4
                              22.2
                                    14.1
                                           17.3
                                                 10.0
                                                        13.5
                                                              23.2
                                                                     20.2
                                                                           13.8
                                                                                  11.2
## 6030
          27.6
                 11.1
                       14.2
                              26.8
                                    23.2
                                           14.4
                                                 18.1
                                                         9.7
                                                               9.3
                                                                      9.3
                                                                           16.8
                                                                                  26.8
                        7.4
## 6031
          13.8
                  7.9
                               5.5
                                    16.0
                                           20.2
                                                 25.2
                                                        26.0
                                                              26.3
                                                                     23.3
                                                                           19.8
                                                                                  11.3
                  6.6
##
  6032
          15.0
                       20.6
                              23.3
                                    23.1
                                           23.7
                                                 24.8
                                                        26.2
                                                              27.8
                                                                     28.4
                                                                           26.8
                                                                                  26.9
  6033
          25.9
                 24.7
                       23.4
                              22.9
                                    24.9
                                           25.7
                                                 26.9
                                                        27.3
                                                              27.9
                                                                     28.8
                                                                           26.1
## 6034
          24.3
                 23.7
                       22.1
                              23.6
                                    23.3
                                           24.2
                                                 24.6
                                                        25.2
                                                              26.1
                                                                     26.4
                                                                           25.5
                                                                                  25.6
          24.3
                 22.9
                       21.3
                              21.4
                                    22.4
                                           23.9
                                                 25.2
                                                        26.1
                                                              26.9
                                                                     27.3
                                                                           26.9
##
   6035
                                                                                  26.3
                                                        26.2
          24.8
                22.0
                       22.6
                              22.6
                                    24.5
                                           24.2
                                                              26.9
                                                                     26.7
                                                                           27.2
##
  6036
                                                 25.1
                                                                                  26.3
                                    23.3
  6037
          25.0
                 23.2
                       23.6
                              23.6
                                           25.2
                                                 25.7
                                                        26.3
                                                              26.6
                                                                     27.3
                                                                           26.7
                                                                                  26.4
##
  6038
          24.3
                 24.3
                       22.4
                              22.7
                                    22.8
                                           23.6
                                                 23.7
                                                        25.0
                                                              25.4
                                                                     25.9
                                                                           25.8
                                                                                  26.2
   6039
                       23.2
                              22.2
                                           23.4
                                                 25.3
                                                        25.7
                                                               25.9
##
          24.5
                 22.8
                                    23.1
                                                                     27.1
                                                                            26.5
                                                                                  26.2
                       23.2
                              24.2
                                    24.6
                                           24.6
                                                              27.2
                                                                     27.9
##
  6040
          24.1
                 23.6
                                                 25.3
                                                        26.4
                                                                           27.6
                                                                                  27.3
## 6041
          25.9
                 23.7
                       23.4
                              22.9
                                    24.3
                                           24.9
                                                 25.7
                                                        25.4
                                                               26.1
                                                                     26.9
                                                                            26.9
                                                                                  25.4
## 6042
          23.7
                 22.4
                       21.1
                              22.3
                                    22.7
                                           23.8
                                                 25.6
                                                        26.7
                                                               27.2
                                                                     26.9
                                                                           27.3
                                                                                  27.2
##
  6043
          24.8
                 24.1
                       22.2
                              22.4
                                    23.9
                                           24.5
                                                 25.7
                                                        26.4
                                                              27.2
                                                                     27.2
                                                                           27.6
                                                                                  27.6
                 23.3
                       24.2
                              24.0
                                                                           27.4
##
   6044
          25.6
                                    24.1
                                           24.6
                                                 25.3
                                                        26.7
                                                              26.8
                                                                     27.1
                                                                                  26.4
          25.4
  6045
                 24.3
                       23.6
                              23.8
                                    23.3
                                           23.5
                                                 24.2
                                                        25.1
                                                              26.2
                                                                     26.8
                                                                           27.1
                                                                                  25.8
##
##
   6046
          24.6
                 23.1
                       23.8
                              23.8
                                    24.2
                                           24.4
                                                 24.8
                                                        26.1
                                                              26.5
                                                                     26.8
                                                                           26.7
                                                                                  26.0
##
   6047
          25.5
                24.4
                       24.9
                              23.4
                                    25.2
                                           25.0
                                                 25.0
                                                        25.3
                                                              26.1
                                                                     26.1
                                                                           26.3
                                                                                  26.4
  6048
          25.1
                 23.4
                       22.5
                              23.3
                                    23.1
                                           23.0
                                                 23.4
                                                        25.2
                                                              26.1
                                                                     26.3
                                                                           26.1
                23.5
##
  6049
          24.2
                       22.9
                              23.3
                                    23.7
                                           24.0
                                                 24.9
                                                        25.5
                                                              26.3
                                                                     26.8
                                                                           27.2
                                                                                  27.2
   6050
          25.5
                 24.0
                       22.8
                              22.1
                                    23.0
                                           23.5
                                                 23.4
                                                        25.9
                                                              26.9
                                                                     27.8
                                                                           27.6
                                                                                  27.4
##
                              24.6
                                                              26.4
##
  6051
          25.8
                 24.8
                       23.7
                                    24.7
                                           24.9
                                                 25.8
                                                        25.9
                                                                     26.6
                                                                           26.9
                                                                                  26.7
   6052
          26.6
                 24.7
                       23.9
                              23.2
                                    24.0
                                           22.8
                                                 24.8
                                                        25.8
                                                                     26.4
                                                                           26.3
                                                              26.1
## 6053
          24.9
                 23.2
                       23.0
                              21.8
                                    22.5
                                           24.3
                                                 24.2
                                                        25.1
                                                              25.7
                                                                     26.6
                                                                           27.9
                                                                                  27.2
                 23.4
                       22.4
                              23.0
                                    22.7
                                           24.4
                                                 25.4
                                                        26.3
##
   6054
          25.2
                                                              27.3
                                                                     26.6
                                                                           26.5
                                                                                  26.7
  6055
          26.4
                 24.4
                       22.7
                                           24.2
                                                 25.0
                                                        26.3
                                                              26.5
                                                                     27.9
##
                              23.1
                                    23.1
                                                                           27.4
                                                                                  26.2
  6056
                 24.8
                       22.8
                              22.6
                                    23.3
                                           25.2
                                                 24.7
                                                                     26.8
          25.0
                                                        26.8
                                                              26.2
                                                                           27.0
                                                                                  26.5
                       22.5
                                    23.2
                                           23.6
                                                        27.2
                                                                           27.1
## 6057
          24.6
                 24.0
                              23.2
                                                 25.0
                                                              26.6
                                                                     29.1
                                                                                  26.9
##
  6058
          25.6
                 24.8
                       23.4
                              23.4
                                    24.2
                                           24.7
                                                 25.8
                                                        27.4
                                                              28.4
                                                                     25.6
                                                                           28.4
                                                                                  25.3
  6059
          26.7
                 26.2
                       22.3
                              24.1
                                    23.6
                                           26.6
                                                 26.1
                                                        25.1
                                                              27.1
                                                                     28.2
                                                                           27.5
                                                                                  27.6
##
                                                                           28.1
##
  6060
          25.0
                 23.0
                       22.5
                              23.7
                                    24.0
                                           23.3
                                                 24.6
                                                        27.3
                                                              25.3
                                                                     28.1
                                                                                  27.0
                       22.4
                              22.6
                                           23.9
                                                              25.0
                                                                     27.3
                                                                           27.2
                                                                                  26.3
##
  6061
          24.6
                 23.2
                                    23.9
                                                 24.8
                                                        25.7
##
  6062
          25.3
                 23.6
                       22.9
                              23.1
                                    23.7
                                           24.0
                                                 25.1
                                                        26.0
                                                              26.3
                                                                     27.1
                                                                           26.7
                                                                                  25.8
                 23.5
                       22.6
                              23.2
                                                              27.3
                                                                     27.4
                                                                           27.0
## 6063
          24.9
                                    24.1
                                           24.1
                                                 25.7
                                                        25.4
                                                                                  26.9
## 6064
          25.3
                 23.7
                       24.2
                              23.5
                                    23.9
                                           24.8
                                                 25.7
                                                        26.5
                                                              27.5
                                                                     27.9
                                                                           27.8
                                                                                  26.6
          25.2 24.8 23.6
                             22.8
                                                 25.6
                                                       27.1 27.2 27.9
## 6065
                                    23.4
                                           24.9
                                                                           27.3
                                                                                  26.8
```

```
23.3
## 6066
           25.3 24.1
                        22.7
                                     24.3
                                            25.1
                                                  26.1
                                                         26.9
                                                                28.0
                                                                      28.5
                                                                             27.8
                                                                                    27.2
## 6067
           26.0
                 24.3
                        23.2
                               24.5
                                     23.9
                                            25.1
                                                  26.3
                                                         27.4
                                                                28.2
                                                                      28.2
                                                                             28.2
                                                                                    27.5
           25.3
## 6068
                 24.1
                        22.7
                               23.2
                                     23.4
                                            25.9
                                                  27.4
                                                         27.6
                                                                28.4
                                                                      28.7
                                                                             27.4
                                                                                    25.9
                 23.0
                               22.3
                                     23.1
                                            23.8
                                                  24.0
##
  6069
           25.0
                        23.5
                                                         26.7
                                                                27.1
                                                                      27.3
                                                                             26.7
                                                                                    26.2
##
   6070
           25.7
                 24.5
                        23.8
                               23.1
                                     23.5
                                            24.0
                                                   25.0
                                                         25.8
                                                                26.1
                                                                      26.5
                                                                             26.3
                                                                                    25.7
  6071
           24.4
                 24.2
                        22.4
                               22.9
                                     23.6
                                            23.6
                                                  24.8
                                                         25.3
                                                                27.9
                                                                      26.0
                                                                             26.9
                                                                                    25.4
##
  6072
           24.5
                 24.0
                        22.4
                               22.1
                                     23.2
                                            23.7
                                                   24.1
                                                         28.1
                                                                25.8
                                                                      26.3
                                                                             26.4
## 6073
           26.1
                 23.1
                        23.3
                               22.4
                                     22.9
                                            23.5
                                                  24.7
                                                         25.3
                                                                      27.1
                                                                             25.9
                                                                                    25.8
                                                                25.6
##
   6074
           25.3
                 23.5
                        22.7
                               23.9
                                     24.7
                                            24.1
                                                   24.5
                                                         24.4
                                                                24.9
                                                                      27.6
                                                                             25.6
                                                                                    27.0
           24.5
                 24.7
                        23.6
                               23.5
                                     23.5
                                            24.4
                                                   25.4
                                                         26.0
                                                                26.5
                                                                      26.0
                                                                             25.7
                                                                                    26.4
##
  6075
   6076
           24.3
                 24.0
                        22.7
                               23.8
                                     22.8
                                            24.4
                                                   24.9
                                                         25.8
                                                                26.8
                                                                      27.3
                                                                             27.1
                                                                                    26.1
  6077
                        22.6
                               23.6
                                                         26.7
                                                                27.9
                                                                      28.0
##
           24.9
                 24.2
                                     23.7
                                            25.0
                                                   25.6
                                                                             28.3
                                                                                    27.5
##
   6078
           25.0
                 23.3
                        22.4
                               23.3
                                     22.7
                                            24.8
                                                  24.1
                                                         26.7
                                                                28.0
                                                                      28.1
                                                                             28.2
                                                                                    27.2
   6079
           26.5
                 25.2
                        23.5
                               23.6
                                     23.2
                                            24.5
                                                  25.5
                                                         25.6
                                                                26.8
                                                                      27.0
##
                                                                             26.7
                                                                                    26.0
##
  6080
           24.8
                 23.3
                        22.8
                               23.4
                                     24.4
                                            24.9
                                                   25.8
                                                         26.3
                                                                27.1
                                                                      26.9
                                                                             27.2
                                                                                    26.2
##
   6081
           25.8
                 23.5
                        23.8
                               22.9
                                     23.1
                                            24.8
                                                   25.4
                                                         26.8
                                                                26.8
                                                                      27.7
                                                                             26.9
                                                                                    26.3
   6082
           25.3
                 24.1
                        24.1
                               22.4
                                     23.6
                                            25.0
                                                  26.1
                                                         27.6
                                                                24.3
                                                                      29.0
                                                                             28.3
                                                                                    27.8
##
##
   6083
           26.6
                 25.2
                        24.3
                               23.8
                                     23.9
                                            24.8
                                                  26.1
                                                         27.4
                                                                27.7
                                                                      28.4
                                                                             27.0
                                                                                    26.6
  6084
           26.6
                 25.1
                        24.0
                                4.0
                                      5.8
                                            14.1
                                                  14.8
                                                         20.2
                                                                22.3
                                                                      21.9
                                                                             20.1
                                                                                    11.4
##
            7.1
##
   6085
                  2.2
                         1.6
                                4.6
                                      5.9
                                            12.3
                                                   14.9
                                                         16.6
                                                                24.0
                                                                      22.2
                                                                             20.5
                                                                                    15.5
                                                         15.3
                                                                      21.1
##
   6086
            3.9
                  3.7
                         5.6
                                6.0
                                      7.4
                                            10.6
                                                  11.7
                                                                21.9
                                                                             20.2
                                                                                    11.4
   6087
            9.3
                  3.9
                         3.9
                                7.2
                                      7.2
                                            11.8
                                                   16.0
                                                         15.7
                                                                21.8
                                                                      19.7
                                                                             16.3
                                                                                    12.1
##
            7.7
## 6088
                  3.4
                         2.2
                                3.5
                                      6.8
                                             7.6
                                                  13.6
                                                         18.6
                                                                20.1
                                                                      22.1
                                                                             17.2
                                                                                    12.7
                                                                                     4.5
   6089
            6.3
                  5.3
                         4.8
                                2.9
                                      6.8
                                            15.2
                                                  16.6
                                                         23.0
                                                                20.8
                                                                      17.8
                                                                             10.8
##
## 6090
                                                         20.7
            1.4
                  1.2
                         6.8
                                8.3
                                     11.3
                                            15.5
                                                                             11.0
                                                                                     4.8
                                                  19.6
                                                                19.7
                                                                      19.7
  6091
            3.4
                  4.2
                         8.7
                                6.6
                                     10.4
                                            17.6
                                                  18.9
                                                         24.1
                                                                24.3
                                                                      17.7
                                                                             14.3
                                                                                     8.1
## 6092
            6.2
                  5.2
                         5.4
                                8.0
                                     12.1
                                            12.9
                                                  18.7
                                                         23.8
                                                                21.3
                                                                      16.9
                                                                             13.3
                                                                                     6.3
   6093
            1.4
                  4.2
                         5.7
                                     10.6
                                            12.8
                                                   20.1
                                                         24.2
                                                                      19.4
##
                                9.6
                                                                21.1
                                                                             12.6
                                                                                     6.9
## 6094
            3.2
                  4.6
                                                  20.7
                                                                23.9
                         7.1
                                7.9
                                     10.6
                                            13.1
                                                         22.8
                                                                      15.6
                                                                             11.6
                                                                                     5.3
## 6095
            2.0
                 -0.3
                         4.8
                                7.6
                                     12.0
                                            12.4
                                                  17.5
                                                         21.6
                                                                20.4
                                                                      18.6
                                                                             10.7
                                                                                     6.7
                         7.8
## 6096
            3.4
                 -1.1
                                6.6
                                      7.8
                                            13.9
                                                   17.3
                                                         19.3
                                                                21.3
                                                                      21.7
                                                                             12.9
                                                                                     5.9
##
   6097
            2.2
                  1.8
                         3.3
                                6.4
                                      8.7
                                            12.7
                                                  17.4
                                                         21.6
                                                                20.9
                                                                      16.1
                                                                             13.2
                                                                                     5.1
##
   6098
            5.2
                  3.9
                         5.9
                                9.3
                                     11.9
                                            13.6
                                                   18.1
                                                         22.7
                                                                21.4
                                                                      16.8
                                                                             14.1
                                                                                     8.1
## 6099
            1.7
                         4.4
                                8.2
                                     11.8
                                            15.2
                                                  17.7
                                                         20.4
                                                                21.8
                                                                      18.4
                                                                                     7.6
                  3.4
                                                                             11.9
## 6100
            4.8
                  4.2
                         4.7
                                6.9
                                      7.7
                                            14.9
                                                  20.2
                                                         24.2
                                                                25.6
                                                                      20.7
                                                                             12.0
                                                                                     7.5
## 6101
            1.8
                  2.6
                         8.7
                                8.9
                                      9.6
                                            14.4
                                                  20.4
                                                         23.4
                                                                21.0
                                                                      20.1
                                                                             13.7
                                                                                     7.1
## 6102
            3.4
                  2.1
                         4.9
                                7.5
                                      9.7
                                            16.9
                                                  19.9
                                                         22.4
                                                                21.1
                                                                      18.3
                                                                              9.8
                                                                                     5.8
## 6103
            4.3
                  5.8
                         6.7
                                8.3
                                      7.9
                                            14.4
                                                  20.4
                                                         24.3
                                                                23.2
                                                                      17.1
                                                                             11.7
                                                                                     8.6
            3.4
## 6104
                  2.3
                         4.9
                                7.2
                                      9.1
                                            13.2
                                                   16.3
                                                         22.8
                                                                23.4
                                                                      17.0
                                                                             10.7
                                                                                     5.3
                                                                22.8
## 6105
            2.2
                  2.2
                         6.2
                                9.9
                                      8.9
                                            14.4
                                                  18.6
                                                         23.8
                                                                      16.0
                                                                             11.3
                                                                                     7.1
## 6106
           -0.3
                  3.3
                         7.9
                                7.2
                                     16.9
                                            19.7
                                                  24.0
                                                         22.2
                                                                19.4
                                                                      11.9
                                                                                     6.4
                                                                              7.7
                                                         22.8
                                                                      12.2
## 6107
            3.7
                  4.3
                         7.1
                                8.8
                                     13.6
                                            19.8
                                                  21.8
                                                                20.9
                                                                              6.8
                                                                                     3.8
            2.6
                         6.3
                                7.3
                                     14.1
                                            17.5
                                                  22.4
                                                         20.2
                                                                20.5
## 6108
                  5.4
                                                                      10.8
                                                                              5.2
                                                                                     4.2
            3.8
                  4.6
                         6.0
                                8.9
                                     14.1
                                            16.5
                                                  21.9
                                                         19.6
                                                                18.6
                                                                                    -0.1
## 6109
                                                                      12.3
                                                                              6.4
                                            20.9
                                                  22.2
## 6110
            1.1
                  6.7
                         6.1
                               11.7
                                     11.8
                                                         24.4
                                                                17.7
                                                                      11.7
                                                                              5.7
                                                                                     6.2
            6.7
                                9.8
                                            19.1
                                                  22.2
## 6111
                  6.9
                        10.3
                                     13.6
                                                         21.6
                                                                14.8
                                                                      14.2
                                                                              4.0
                                                                                     0.7
## 6112
            1.9
                  5.7
                         9.6
                              10.6
                                     14.2
                                            18.8
                                                  22.6
                                                         21.3
                                                                20.2
                                                                      15.1
                                                                              5.8
                                                                                     4.3
            3.7
                  7.6
                               11.2
                                     13.5
                                            16.3
                                                  22.8
                                                         20.5
                                                                18.6
                                                                      13.2
                                                                                     3.4
## 6113
                         7.1
                                                                              6.6
## 6114
            5.4
                  5.6
                         8.3
                               11.6
                                     14.0
                                            18.6
                                                  21.8
                                                         23.8
                                                                19.2
                                                                      11.2
                                                                              7.7
                                                                                     6.0
                                                  22.0
## 6115
            1.4
                  5.1
                         6.9
                                9.3
                                     14.4
                                            19.5
                                                         22.2
                                                                17.1
                                                                      12.7
                                                                              5.7
                                                                                     3.8
## 6116
            4.3
                  7.0
                         9.4
                                9.5
                                     15.3
                                            17.2
                                                  20.3
                                                         22.8
                                                                17.6
                                                                      12.4
                                                                              6.5
                                                                                     4.7
                         9.4
                                                  23.2
## 6117
            3.8
                  6.1
                                9.6
                                     14.6
                                            17.4
                                                         22.1
                                                                18.4
                                                                      10.8
                                                                              6.9
                                                                                     2.4
            3.1
## 6118
                  5.6
                         6.7
                               13.4
                                     14.4
                                            20.1
                                                  24.7
                                                         21.7
                                                                16.1
                                                                      11.7
                                                                              3.4
                                                                                     2.3
                                            21.1 21.4
## 6119
            6.7
                  8.0
                        10.9
                              10.8
                                     15.0
                                                         25.0
                                                               16.1
                                                                      13.3
                                                                              7.2
                                                                                     3.3
```

```
8.9 13.9 16.9
                                          21.4 21.1 23.4 19.3
## 6120
           3.3
                  6.7
                                                                   16.1
                                                                           8.3
                                                                                 4.4
## 6121
           4.3
                        8.4
                             12.1
                                   13.8
                                         18.6
                                                24.2
                                                       23.1
                                                             19.7
                                                                   16.6
                                                                           7.3
                                                                                 3.5
                 7.1
                             14.1
                                   14.7
                                                                   12.6
## 6122
           3.2
                  3.6
                        8.6
                                          19.8
                                                21.2
                                                       21.6
                                                             18.8
                                                                           6.1
                                                                                 1.9
## 6123
                            14.2
                                                24.6
                                                       23.1
           4.4
                  5.1
                        9.4
                                   13.9
                                          19.1
                                                             20.8
                                                                   11.9
                                                                           5.7
                                                                                -0.2
## 6124
           3.2
                  8.7
                        7.7
                              9.8
                                   12.7
                                          17.2
                                                23.4
                                                       23.1
                                                             21.5
                                                                   14.4
                                                                           8.2
                                                                                 3.5
## 6125
           4.9
                  9.1
                       11.1 13.6
                                  19.1
                                          20.9
                                                23.4
                                                       24.3
                                                             19.5
                                                                   14.1
                                                                           7.4
                                                                                 3.1
## 6126
           3.6
                       10.8
                            10.8
                                   15.8
                                          17.6
                                                18.2
                                                       21.3
                                                             19.6
                                                                   14.7
                  5.4
                                                                           4.4
                                                                                 3.8
           4.7
                        9.5
                            12.3
                                   16.2
                                          18.6
                                                24.7
                                                       22.4
                                                             20.7
## 6127
                  5.3
                                                                   12.2
                                                                           3.8
                                                                                 4.1
           7.3
## 6128
                 9.0
                        8.3
                             10.4
                                   15.7
                                          18.0
                                                22.7
                                                       21.1
                                                             20.8
                                                                   13.3
                                                                           9.5
                                                                                 6.4
                            11.8 13.8
                                          18.7
                                                24.8
                                                       23.6
                                                             17.8
                                                                   12.9
## 6129
           4.8
                  8.8
                        9.4
                                                                           8.1
                                                                                 5.1
                                          17.9
## 6130
           4.2
                  6.1
                        9.6
                             11.3
                                   17.8
                                                22.7
                                                       23.2
                                                             18.9
                                                                   12.4
                                                                           8.6
                                                                                 3.1
                                                             20.4
## 6131
           6.3
                  7.1
                        8.6
                            11.0
                                   12.4
                                          18.9
                                                24.8
                                                       24.2
                                                                   11.5
                                                                           7.6
                                                                                 1.9
                                   13.8
## 6132
           3.9
                  5.3
                        7.6
                            10.2
                                          18.3
                                                22.3
                                                       22.6
                                                             19.9
                                                                   13.9
                                                                           9.9
                                                                                 3.7
           4.3
                        7.7
                             13.0
                                   15.1
                                          20.5
                                                22.1
                                                       22.9
                                                             18.7
## 6133
                  8.0
                                                                   12.9
                                                                           4.5
                                                                                 3.5
## 6134
           4.2
                  5.3
                        9.5
                              9.9
                                   17.9
                                          18.2
                                                22.8
                                                       23.7
                                                             20.2
                                                                   13.8
                                                                           8.5
                                                                                 5.0
## 6135
           4.3
                 7.3
                        7.7
                            12.0
                                   14.8
                                          20.1
                                                24.8
                                                       22.2
                                                             19.6
                                                                   11.9
                                                                           7.8
                                                                                 5.4
## 6136
           6.9
                  6.1
                        9.4
                              9.5
                                   14.9
                                          21.1
                                                25.3
                                                       23.2
                                                             20.6
                                                                   14.6
                                                                                 6.2
                                                                           6.3
## 6137
           5.2
                 7.3
                       11.5
                            13.1
                                   15.4
                                          20.3
                                                24.8
                                                       24.3
                                                             18.4
                                                                   13.3
                                                                           5.9
                                                                                 4.9
## 6138
           4.1
                 7.3
                       10.3 11.1
                                   15.9
                                          17.6
                                                24.7
                                                       24.5
                                                             18.1
                                                                   13.5
                                                                                 4.9
                                                                           6.2
## 6139
           5.0
                 6.6
                        6.8
                            11.9
                                   16.9
                                          20.8
                                                25.1
                                                       23.0
                                                             19.7
                                                                   12.9
                                                                           7.4
                                                                                 4.7
## 6140
           2.2
                 5.8
                       10.3
                            11.8
                                   16.7
                                          19.4
                                                24.6
                                                       22.8
                                                             18.3
                                                                   11.9
                                                                           7.4
                                                                                 3.6
## 6141
           2.9
                  6.1
                        6.8
                              9.8
                                   16.2
                                          18.8
                                                24.0
                                                       23.6
                                                             21.0
                                                                   13.5
                                                                           8.0
                                                                                 2.6
                                          19.8
                                                25.5
                                                       23.3
                                                             20.8
## 6142
           3.8
                  6.7
                        7.8
                            11.3
                                   16.9
                                                                    8.5
                                                                           5.9
                                                                                 1.9
## 6143
           7.9
                 7.7
                        8.7
                              9.8
                                   12.8
                                          17.7
                                                24.2
                                                       22.8
                                                             19.2
                                                                   13.9
                                                                           6.6
                                                                                 5.9
           4.1
                  5.0
                        8.1
                              9.3
                                   12.7
                                          18.0
                                                21.8
                                                       23.8
                                                             22.1
                                                                   13.5
                                                                                 1.9
## 6144
                                                                           7.4
                                          17.8
## 6145
           3.9
                  6.3
                        7.3
                             12.2
                                   15.9
                                                23.2
                                                       24.6
                                                             21.7
                                                                   14.1
                                                                           8.5
                                                                                 4.0
## 6146
           2.7
                  5.2
                        9.7
                             12.3
                                   16.5
                                          20.3
                                                26.0
                                                       23.5
                                                             19.3
                                                                   11.8
                                                                           6.9
                                                                                -0.4
           4.6
                       10.6
                             13.5
                                   17.2
                                          19.8
                                                26.6
                                                       25.0
                                                             21.7
                                                                                 7.6
## 6147
                 7.9
                                                                   15.7
                                                                           8.9
                            11.6
                                          23.8
                                                             19.2
## 6148
           4.7
                  8.4
                       11.3
                                   16.7
                                                25.5
                                                       24.3
                                                                   15.8
                                                                           6.2
                                                                                 5.3
## 6149
           6.0
                  8.0
                        9.7
                             14.4
                                   17.0
                                          21.1
                                                23.1
                                                       25.0
                                                             19.0
                                                                   12.5
                                                                           9.6
                                                                                 2.9
## 6150
           1.9
                  6.9
                        9.3
                             10.9
                                   17.1
                                          20.9
                                                25.5
                                                       25.1
                                                             19.2
                                                                   12.2
                                                                           7.6
                                                                                 2.7
## 6151
           5.8
                  4.8
                        7.7
                             11.7
                                   17.1
                                          19.5
                                                25.4
                                                       23.6
                                                             18.3
                                                                   13.2
                                                                           7.3
                                                                                 3.8
                                          20.6
## 6152
           5.7
                  3.4
                        8.6
                             13.3
                                   16.3
                                                23.3
                                                       24.3
                                                             18.5
                                                                   11.1
                                                                           8.1
                                                                                 5.2
## 6153
           5.5
                        8.2
                            13.4
                                   16.5
                                          19.6
                                                24.4
                                                       24.9
                                                             21.5
                                                                   15.8
                                                                           6.3
                                                                                 5.1
                  6.1
                                          23.3
## 6154
           5.9
                  6.2
                        8.7
                             13.5
                                   17.1
                                                26.8
                                                       24.5
                                                             20.0
                                                                   12.9
                                                                           8.3
                                                                                 3.8
## 6155
           4.9
                 7.2
                        0.2
                              2.1
                                    7.1
                                         14.2
                                                 2.3
                                                       18.3
                                                              7.2
                                                                    5.9
                                                                          19.7
                                                                                13.8
                                   17.9
                                                                   14.6
## 6156
          15.0
                  1.6
                        7.0
                             15.5
                                           1.1
                                                -0.1
                                                        6.7
                                                             11.6
                                                                          17.9
                                                                                18.5
## 6157
           2.2
                -0.1
                       -2.1
                              7.6
                                   11.8
                                          18.7
                                                22.3
                                                       18.3
                                                             12.9
                                                                     6.8
                                                                           3.4
                                                                                -2.2
## 6158
          -2.0
                13.5
                       15.5
                              1.4
                                   15.6
                                          20.5
                                                11.2
                                                        5.7
                                                             15.3
                                                                   16.2
                                                                          20.9
                                                                                 3.8
                       17.9
                             22.9
                                          24.5
                                                20.1
                                                       16.9
## 6159
           4.7
                14.6
                                   24.6
                                                              7.7
                                                                   10.1
                                                                           3.0
                                                                                -0.1
## 6160
          -0.1
                -2.5
                       -7.9
                             19.4
                                   -4.4
                                          10.0
                                                20.8
                                                        7.7
                                                             13.6
                                                                   18.7
                                                                                -5.6
                                                                           8.3
          -4.4
## 6161
                19.0
                       22.1
                            16.3
                                    9.4
                                           3.9
                                                18.7
                                                       16.9
                                                              6.9
                                                                    0.7
                                                                          -2.4
                                                                                16.4
                 2.1
                       -2.8
                             -3.7
                                   15.1
                                          18.2
                                                14.5
                                                       16.1
                                                             16.9
## 6162
          18.6
                                                                   20.2
                                                                           3.3
                                                                                21.8
          17.7
                22.0
                      16.4
                            -1.0
                                          19.1
                                                22.9
                                                             16.1
                                                                     6.5
                                                                                -4.3
## 6163
                                   12.7
                                                       21.1
                                                                          -3.2
           7.8
                13.0
                       20.4
                             20.0
                                   21.9
                                          17.0
                                                13.3
                                                        3.0
                                                              1.9
                                                                   -7.3
## 6164
                                                                           3.2
                                                                                 5.5
                       24.8
                             25.5
                                   24.9
                                          18.6
                                                15.7
                                                        9.6
                                                              3.5
                                                                   -0.1
                                                                           7.6
## 6165
          13.8
                21.0
                                                                                16.8
                       23.4
                             20.0
                                           3.6
                                                       -7.3
                                                                          22.2
## 6166
          22.8
                25.7
                                   11.5
                                                 0.0
                                                              2.4
                                                                   11.4
                                                                                24.7
## 6167
          27.2
                25.3
                       22.4
                             13.7
                                     9.3
                                           1.5
                                                -4.9
                                                       -4.0
                                                              5.6
                                                                   24.6
                                                                          26.8
                                                                                25.1
## 6168
          22.3
                13.0
                       9.6
                              2.5
                                   -5.4
                                           8.1
                                                18.5
                                                       24.7
                                                             25.6
                                                                   24.5
                                                                          20.3
                                                                                15.3
           7.2
                 6.1
                       19.2
                                   26.9
                                          24.3
                                                             23.2
                                                                                23.2
## 6169
                             23.9
                                                20.1
                                                       20.7
                                                                   19.8
                                                                           4.7
## 6170
          25.3
                13.7
                       10.1
                              6.9
                                   18.4
                                          25.1
                                                21.4
                                                        6.8
                                                             -1.7
                                                                    8.6
                                                                          18.9
                                                                                25.8
          25.2
                      10.6
                                                             20.0
## 6171
               18.8
                              0.7
                                     2.6
                                         10.6
                                                21.0
                                                       22.2
                                                                   16.0
                                                                          10.4
                                                                                 5.8
## 6172
          26.5 14.5
                        6.2
                              2.2
                                     9.1
                                          18.8
                                                24.2
                                                       25.8
                                                              8.0
                                                                    2.3
                                                                          13.0
                                                                                24.4
## 6173
                        1.0 25.0
                                   25.6
                                          23.7 14.1
          24.6 16.4
                                                        6.7 - 0.6
                                                                    4.5
                                                                         13.9
                                                                                19.3
```

```
21.1 12.7 -1.2 16.8 20.9
                                        2.7
                                              8.4 12.7 17.8 24.5
## 6174
                                                                     24.3
                                                                          18.5
## 6175
         10.1
                0.2
                      2.1
                            3.9
                                  7.1
                                        7.8
                                             19.6
                                                   22.5
                                                          7.0
                                                                4.7
                                                                      6.8
                                                                           17.5
                                                               19.7
## 6176
         18.4 11.5
                      2.0
                            2.7
                                  8.3
                                       10.1
                                             21.3
                                                   23.7
                                                         24.7
                                                                      0.3
                                                                           -7.2
          9.9 17.2 22.6 22.6
                                 23.9
                                       18.9
                                                    2.6
                                                         -3.6
                                                               -8.5
                                                                      9.7
## 6177
                                             11.1
                                                                           15.9
## 6178
         21.0 24.0
                     23.4
                          21.8
                                 13.6
                                        6.9
                                             -2.6
                                                    0.3
                                                         8.8
                                                               15.0
                                                                     23.4
                                                                           25.1
## 6179
         25.4 22.2 15.3
                            7.7
                                 -2.5
                                       -1.3
                                              3.3
                                                  12.5
                                                        14.9
                                                               22.8
                                                                     20.8
                                                                           19.4
## 6180
                5.2
                     -1.9
                          -3.3
                                 -0.7
                                        5.7
                                             19.4
                                                   21.2
                                                         24.9
                                                               24.9
                                                                     20.8
         14.6
## 6181
          1.5 -5.3
                     -2.5
                            9.7
                                 15.0
                                       19.2
                                             24.1
                                                   23.4
                                                         20.4
                                                                1.5
                                                                      2.0
                                                                           -0.6
                7.7
## 6182
         -1.1
                     14.4
                           21.9
                                 24.4
                                       22.5
                                             19.0
                                                   10.9
                                                          7.4
                                                               -0.1
                                                                     -1.7
                                                                           -6.6
## 6183
                     22.5
                          22.7
                                 23.6
                                       20.2
                                             14.4
                                                          2.7
                                                              -6.4
                                                                           12.0
          9.7
               14.6
                                                    3.6
                                                                    17.6
                                             25.9
## 6184
         -7.4 12.4 16.8
                            0.1
                                 11.8
                                       16.3
                                                   -2.0
                                                          9.4
                                                               15.3
                                                                     23.5
         22.5 17.2
                     -1.2 -2.5
                                                   23.6
                                                               23.7
## 6185
                                 -8.8
                                       10.9
                                             15.7
                                                         23.6
                                                                     20.3
                                                                          13.4
                     -7.3
## 6186
          5.1
                2.2
                           -0.1
                                14.6
                                       18.8
                                             22.8
                                                   12.9
                                                         21.8
                                                               14.6 -19.9 -17.5
## 6187
          4.9 - 15.5
                     -8.1 20.0
                                11.7
                                       10.9
                                              7.1
                                                    4.0
                                                         -1.0
                                                               19.6
                                                                      2.2 12.4
## 6188
         18.5 23.0 14.0
                            6.8 15.8
                                       -8.1 -17.7 -12.5
                                                         13.0
                                                                7.3
                                                                     23.2
                                                                           15.5
## 6189
         23.8 13.7 -10.6
                          -9.7 -10.7
                                       11.8
                                              7.4 15.0
                                                         25.8
                                                                5.8
                                                                     16.1
                                                                           10.0
## 6190
          4.9 -19.6 -2.4
                            4.5
                                 26.1
                                       23.8
                                              9.6
                                                    1.4
                                                          7.7
                                                              11.7
                                                                     20.5
                                                                          26.0
## 6191
         23.4 16.7
                      3.5
                            5.4
                                  7.9
                                       11.8
                                             27.4
                                                   12.5
                                                          5.5
                                                              12.0
                                                                      5.7 - 16.2
## 6192
        -23.9
              -7.4
                      5.3
                          11.7
                                 13.1
                                       10.5
                                              4.7
                                                    2.7 -20.0 -15.5 -13.7
## 6193
          9.3 19.3
                     23.7
                           28.2
                                 28.3
                                       29.4
                                             26.6
                                                  23.3
                                                        15.7
                                                              19.0
                                                                    10.4
                                                                          -3.9
                                                              12.8
## 6194
          9.1
               19.0 12.5
                            2.2
                                  4.6
                                       21.1
                                              5.1
                                                   20.6
                                                        12.1
                                                                     20.3
                                                                            3.1
## 6195
          9.2
              13.9
                    19.0 22.8
                                 21.0
                                        7.8
                                             -0.4
                                                   21.7
                                                         22.7
                                                               21.8
                                                                    14.9
          1.8 -1.2 -0.8
                          -6.4
                                             20.2
                                                   19.7 14.0 11.2
                                                                           -4.1
## 6196
                                  4.3
                                       13.1
                                                                     -4.0
         -4.5
                1.3
                      7.1
                           13.3
                                 17.9
                                       20.6
                                             18.9
                                                   16.0
                                                        11.3
                                                                1.1
                                                                     -4.4
                                                                           -3.2
## 6197
## 6198
         -0.2
                8.4 11.3
                          18.5 22.7
                                       20.6
                                             16.9
                                                          5.9
                                                              -0.7
                                                                     -2.8
                                                                           -2.7
                                                    8.0
                                       20.0
                                                   10.2
## 6199
          1.9
                6.2 13.3
                           18.7
                                 21.4
                                             16.4
                                                          6.2
                                                                0.6
                                                                     -1.7
                                                                     -5.3
## 6200
          7.6 12.3 18.9
                          19.8
                                18.8
                                       15.3
                                             11.5
                                                    4.4
                                                         -4.0
                                                               -7.4
                                                                           -0.9
## 6201
          8.9 14.2 18.7
                           15.7
                                 11.8
                                        2.9
                                             -6.8
                                                         -3.8
                                                               -3.0
                                                   -6.3
                                                                      4.8
                                                                           10.3
## 6202
               19.9 14.1 11.0
                                             -9.6
                                                          0.8
                                                                    11.8
         17.7
                                  4.7
                                       -1.6
                                                   -2.3
                                                                8.1
                                                                           20.4
## 6203
         20.5 19.2 16.9
                          10.6
                                  5.2
                                       -6.1
                                             -8.6
                                                    0.8
                                                          7.7
                                                               11.4
                                                                     15.7
## 6204
         19.9
              15.7
                      9.6
                            4.8
                                 -8.4
                                       -1.7
                                              6.6
                                                   13.8
                                                         18.4
                                                               21.8
                                                                     22.2
                                                                           18.1
## 6205
          9.9
                2.7
                     -2.2 -6.8
                                 -4.5
                                       -5.4
                                              7.4
                                                   15.0
                                                         17.7
                                                               19.2
                                                                    19.8
                                                                           16.5
## 6206
                     -5.7 -11.1
                                 -6.4
                                       -1.9
          9.0
                5.7
                                              4.4
                                                   10.5
                                                         16.6
                                                               20.4
                                                                     19.8
                                                                           19.5
                                              6.1
                                                                     18.1
## 6207
         11.7
                3.6
                     -3.3 -7.1
                                 -8.7
                                       -0.3
                                                   14.2
                                                         17.4
                                                               16.5
                                                                           14.4
                     -5.3 -7.8
## 6208
          9.6
                0.9
                                 -9.9
                                        1.1
                                              6.9
                                                   12.4
                                                         18.0
                                                               20.5
                                                                     18.8
                                                                           13.6
## 6209
         11.6 -11.2
                     -4.7
                           -6.4
                                  7.5
                                       14.5
                                             17.2
                                                   22.3
                                                         18.5
                                                               15.3
                                                                      7.9
                                                                            4.6
## 6210
         -2.5
              -4.3
                     -8.2 11.7
                                 19.7
                                       21.9
                                             -4.7
                                                   -9.6
                                                         -0.7
                                                               11.5
                                                                     20.5
                                                                           19.8
## 6211
         15.7
                7.7
                     -7.5 -11.7
                                 -5.7
                                        3.5
                                             14.2 18.0
                                                         21.8
                                                               20.0
                                                                    15.7
                                                                            8.5
## 6212
          5.7
               -4.4
                     -4.0
                          17.6
                                 22.0
                                       20.5
                                             14.2
                                                    8.9
                                                         -1.9
                                                               -6.4 - 12.2
                                                                            2.3
                                        9.6
                                                        -5.0
## 6213
         13.2 17.3 20.8 18.4
                                15.1
                                              5.8 -1.5
                                                              -8.1
                                                                    -0.4
                                                                           13.9
## 6214
         16.2 21.5
                     21.3
                          15.6
                                  7.9
                                        1.8
                                             -8.1 -12.4
                                                          0.1
                                                                0.7
                                                                     17.8
         19.2
                                                                9.5
## 6215
                7.2
                      2.9
                           -2.2 -11.0
                                       -6.4
                                             20.4
                                                  17.5
                                                        15.2
                                                                      5.3
                                                                            1.4
         -4.7
               -3.8
                      1.6 19.9 17.1
                                        9.7
                                              3.6
                                                   -5.8
                                                         -8.9
                                                               -1.8
## 6216
                                                                     -5.9
                                                                           10.2
         19.9
              20.2 13.5
                                 -0.8
                                       -1.7
                                             14.4
                                                   18.2 19.8
                                                               15.9
                                                                     10.8
## 6217
                          10.1
                                                                            7.0
## 6218
                     11.0 17.8 21.5
                                       20.8
                                             18.0
                                                    3.0 -10.6
                                                               -8.4
          1.3
               -1.2
                                                                     -0.7
                                                                           20.9
         16.9
                8.5
                      5.0 -1.6
                                 1.7
                                             16.4
                                                        -5.5
                                                               21.0
                                                                     22.3
## 6219
                                       19.8
                                                   -8.8
                                                                           10.0
## 6220
          5.3
               -4.2 -6.1
                           13.5
                                 18.4
                                       14.9
                                              9.2
                                                    6.0
                                                        -4.5
                                                                6.0
                                                                     19.1
                                                                           20.0
## 6221
         20.8 13.6
                      2.5
                           -3.0
                                 -2.3
                                       11.4
                                             19.3
                                                   18.6
                                                          8.3
                                                                     -3.3
                                                                           -9.8
                                                                3.2
## 6222
         -4.8
                7.3 13.0
                          17.0 19.4
                                       14.9
                                              8.2
                                                    5.2
                                                         -2.9
                                                               -5.8
                                                                     18.2
                                                                           22.2
## 6223
                                       -7.6
                                             -5.4
                                                    7.2
                                                               22.5
                                                                     20.7
         21.1
               16.6
                      9.4
                            3.6
                                 -3.9
                                                         18.4
                                                                           10.2
## 6224
          7.4
               -2.9
                      6.0 16.6
                                19.6
                                       22.7
                                             21.4
                                                   16.4
                                                         12.0
                                                                2.5
                                                                     18.0
                                                                           22.3
         20.0 15.3
                                             20.5
                                                        12.2
## 6225
                    11.3
                            2.5
                                 -7.7
                                       19.6
                                                   16.6
                                                                4.2
                                                                      6.9
                                                                           16.0
                                  8.7
                                        6.7
## 6226
         17.3 20.3 20.1 18.2
                                             -4.3
                                                    4.7
                                                         22.3
                                                               22.8 17.0
                                                                           10.4
                                       20.4 19.4 13.1
## 6227
          5.2 -2.1 -0.7 12.5 18.1
                                                         3.2 -6.7 -7.4 16.5
```

```
## 6228
          18.0 22.0 17.9
                             8.8
                                   1.4 -8.0 -4.8
                                                      6.5 11.8 17.3
                                                                       22.3
                                                                             16.0
## 6229
          10.5
                 0.5
                     -2.2
                           -3.5
                                   5.9
                                        12.3
                                              19.2
                                                    23.9
                                                           20.7
                                                                 15.6
                                                                        9.6
                                                                              7.0
                                              19.8
## 6230
          -0.7 - 4.6
                     -6.2
                             7.8
                                  12.9
                                        20.6
                                                     22.3
                                                           17.1
                                                                 13.0
                                                                        3.9
        -10.3 -12.5 -23.5
                            12.4
                                   5.2 -16.3
                                               23.6
                                                     21.1
                                                            7.1
                                                                       22.8
## 6231
                                                                 19.8
                                                                             15.8
## 6232
           8.4 12.5
                      28.9
                            28.0
                                  15.1
                                        27.3
                                               27.0
                                                     13.8
                                                           26.8
                                                                 25.8
                                                                       20.3
                                                                              12.9
## 6233
           9.6
               18.6 27.0 11.9 12.1
                                        11.7
                                               18.8
                                                     21.4
                                                           24.7
                                                                 27.4
                                                                       26.2
                                                                             16.1
           8.3
                 9.2 10.1
                           17.5
                                  21.5
                                        24.9
                                               25.7
                                                     26.2
                                                           22.9
                                                                 19.2
## 6234
                                                                       10.9
## 6235
                      20.2
                             9.0
                                  10.6
                                        10.6
                                               27.1
                                                     25.4
                                                           23.5
                                                                 12.5
           8.0
               28.4
                                                                       13.2
## 6236
          12.3
               29.8
                      25.5
                            16.9
                                  11.8
                                        18.0
                                               21.5
                                                     12.3
                                                           10.4
                                                                 14.7
                                                                       25.8
                                                                              29.6
          28.1
                      21.5
                            26.0
                                        30.7
                                               30.5
                                                     25.2
                                                            8.3
                                                                 20.5
## 6237
                16.9
                                  30.1
                                                                       16.1
                                                                              23.3
## 6238
          29.0
                30.0
                      20.6
                            16.7
                                  12.2
                                        21.6
                                               27.6
                                                     25.4
                                                           20.6
                                                                 16.6
                                                                       13.8
                                                                             11.4
## 6239
                27.9
                      21.2
                                                           26.7
          14.3
                            13.7
                                   8.9
                                        20.1
                                               28.1
                                                     29.7
                                                                 29.0
                                                                       30.0
                                                                              27.9
## 6240
          23.6
               16.9
                      27.5
                            26.6
                                  22.6
                                        18.8
                                               13.7
                                                     17.7
                                                           21.7
                                                                 27.7
                                                                       29.9
                                                                              25.6
## 6241
                 9.0
                     13.9
                           19.0
                                  28.9
                                        29.5
                                               20.3
                                                     13.4
                                                           20.3
                                                                 24.5
                                                                       27.1
          21.1
                                                                              29.1
## 6242
          30.7
               29.0
                      21.4
                           13.9
                                  12.9
                                        20.9
                                               25.5
                                                     28.2
                                                           30.8
                                                                 31.0
                                                                       25.8
                                                                              22.1
## 6243
          19.0
               12.6
                      12.4
                             9.6
                                  20.7
                                        23.5
                                               27.3
                                                     27.2
                                                           28.2
                                                                 26.5
                                                                       22.6
                                                                              15.8
## 6244
               10.2
                      19.3
                           14.2
                                   8.0
                                         3.7
                                               -2.5
                                                     -8.5
                                                           -3.3
                                                                  1.0
                                                                       14.4
                                                                              16.4
          17.7
## 6245
          21.9
               18.7
                      15.9
                            10.3
                                   6.6
                                         2.0
                                               -1.5
                                                      2.5
                                                           12.5
                                                                 19.7
                                                                       22.4
                                                                             21.0
                                               -1.6
## 6246
          18.0 10.2
                       5.3
                            -2.9
                                  -4.8
                                         1.1
                                                     12.8
                                                           19.9
                                                                 20.9
                                                                       11.8
                                                                              0.5
## 6247
          -6.5
               -1.8
                       2.7
                            16.1
                                  21.2
                                        19.7
                                               16.4
                                                     10.6
                                                           -5.1
                                                                  2.1
                                                                       14.1
                                                                              16.9
## 6248
          19.8 18.9
                      14.8
                             9.9
                                   2.8
                                        -1.0
                                               -4.6
                                                     -4.3
                                                            2.5
                                                                 13.8
                                                                       18.6
                                                                             21.4
## 6249
          19.2
               15.6
                       9.0
                             4.1
                                  -0.8
                                        -5.2
                                               -3.1
                                                      1.5
                                                           18.0
                                                                 22.1
                                                                       22.0
           7.2
                 5.2
                                  -4.5
## 6250
                      -2.7
                           -2.4
                                         0.3
                                               13.5
                                                     17.4
                                                           19.8
                                                                 18.9
                                                                       15.6
                                                                              10.0
## 6251
           2.5
                -9.7
                      -0.5
                           -2.0
                                   1.8
                                        10.6
                                               17.7
                                                     20.3
                                                           19.9
                                                                 14.9
                                                                       11.3
                                                                              5.0
                                  15.9
                                        18.1
                                              20.7
## 6252
           0.9
               -4.4
                     -1.1
                             2.2
                                                     20.2
                                                           14.8
                                                                 10.9
                                                                        4.4
                                                                             -1.1
                                  17.5
## 6253
          -3.7
               -3.1
                     -0.7
                            12.7
                                        18.6
                                               18.6
                                                     15.0
                                                            8.2
                                                                  3.0
                                                                       -1.8
                                                                             -3.4
## 6254
          -6.9
               -0.4 13.9
                           17.9
                                  21.0
                                        20.6
                                               15.0
                                                      8.3
                                                            4.4
                                                                 -1.7
                                                                       -8.7
                                                                              -5.9
## 6255
                      19.2
                           22.4
                                        14.8
                                               10.0
                                                           -1.2
                                                                 -5.0
           0.7 12.1
                                  18.9
                                                      6.1
                                                                        2.0
                                                                             12.1
## 6256
                     20.2
                                                            2.3
                                                                  2.8
           2.0
               12.6
                             2.1
                                  -4.7
                                        11.1
                                               18.6
                                                      9.4
                                                                        8.6
                                                                             15.5
## 6257
          17.4 21.2
                      21.4
                            17.4
                                  10.3
                                         4.7
                                                2.2
                                                     -3.2
                                                           -0.3
                                                                  2.5
                                                                        8.3
                                                                             14.6
## 6258
          20.2
               20.4
                       9.6
                             7.1
                                   0.6
                                        -4.9
                                               -1.0
                                                      4.8
                                                            7.2
                                                                 18.2
                                                                       19.3
                                                                             19.5
## 6259
          15.4
               10.2
                       4.1
                           -4.5
                                  -3.9
                                        -3.1
                                               -0.4
                                                      6.9
                                                           14.6
                                                                 19.5
                                                                       19.3
                                                                              22.5
                             2.0
                                                2.3
                                                                       21.7
## 6260
          16.9
                11.5
                       7.1
                                   0.0
                                         0.2
                                                      8.9
                                                           12.5
                                                                 17.5
                                                                             21.9
## 6261
          18.3
                 8.8
                       3.2
                           -2.0
                                  -8.2
                                         1.8
                                                6.0
                                                     12.4
                                                           17.8
                                                                 21.3
                                                                       21.6
                                                                             17.1
## 6262
           9.4
                 6.5
                      -0.3
                            -9.3
                                  -2.4
                                         2.2
                                                8.6
                                                     14.8
                                                           18.1
                                                                 20.7
                                                                       20.6
                                                                             17.2
## 6263
          10.1
                 4.9
                      -1.3
                            -5.3
                                  -1.8
                                        -0.4
                                                9.7
                                                     11.0
                                                           20.5
                                                                 22.0
                                                                       22.1
                                                                             18.5
## 6264
          10.7
                 5.7
                       0.2
                            -2.8
                                   2.6
                                        19.8
                                               16.3
                                                      7.6
                                                           -1.9
                                                                 -6.2
                                                                        6.3
## 6265
          18.4
                21.7
                      17.8
                            13.4
                                   3.4
                                        -2.0
                                               -2.1
                                                      9.6
                                                           12.7
                                                                 19.6
                                                                       19.7
                                                                             17.3
## 6266
           9.8
                -6.4
                      -2.1
                            15.4
                                  16.3
                                        20.6
                                               16.2
                                                      9.6
                                                           -2.7
                                                                 10.6
                                                                       15.9
                                                                             19.7
                                   4.7
                                        -2.8
## 6267
          23.4
               21.2 17.7
                            10.5
                                               -5.5
                                                     -3.9
                                                            1.3
                                                                  8.5
                                                                       14.5
                                                                             18.1
## 6268
          22.8
               20.8
                     18.2
                           11.2
                                   8.2
                                         2.4
                                               -1.5
                                                      0.6
                                                            6.8
                                                                  9.6
                                                                       16.0
                                                                             18.1
## 6269
          23.0 22.2 16.5
                           12.0
                                   4.1
                                         1.5
                                               -2.6
                                                     -2.5
                                                            0.3
                                                                  7.5
                                                                       13.7
                                                                             18.6
## 6270
                      15.9
                                   3.2
                                        -2.5
                                               -5.5
                                                     -4.9
          23.6 19.9
                            10.9
                                                           -1.9
                                                                  7.4
                                                                       13.7
                                                                              19.0
          21.5
               19.6
                     16.7
                            11.2
                                         0.3
                                              -5.8
                                                     -9.0
                                                           -1.2
                                                                  7.6
## 6271
                                   3.2
                                                                       16.9
                                                                             17.9
## 6272
                     19.0
                                              -2.6
                                                            4.0
          22.1
               21.2
                             9.6
                                   7.0
                                         5.0
                                                     -1.4
                                                                  7.2
                                                                       13.8
                                                                             18.6
          22.1
                22.1
                      17.6
                                               -1.1
                                                      0.0
                                                           -1.2
## 6273
                           10.7
                                   5.6
                                        -1.2
                                                                  9.6
                                                                       12.0
                                                                             18.5
                            14.2
                                               -4.5
## 6274
          20.4 19.9
                      18.0
                                   4.1
                                        -3.8
                                                      0.8
                                                            0.8
                                                                  4.9
                                                                       16.0
                                                                             18.1
## 6275
          22.5
               21.9
                      17.4
                             9.0
                                   2.3
                                        -0.4
                                              -4.8
                                                     -2.8
                                                            0.6
                                                                  8.0
                                                                       12.4
                                                                             18.6
## 6276
          23.1
               20.6
                     16.6
                            10.1
                                   1.9
                                        -1.4
                                               -0.5
                                                     -0.4
                                                            4.5
                                                                  5.9
                                                                       13.3
                                                                             20.1
                22.5
                                                     -2.5
                                                                             20.9
## 6277
          23.7
                      17.4
                            11.0
                                   7.6
                                         0.3
                                               -1.8
                                                            3.5
                                                                  9.0
                                                                       14.7
## 6278
          20.5
               22.5
                      18.1
                            13.2
                                   4.8
                                         1.8
                                              -4.6
                                                     18.8
                                                           18.3
                                                                 17.1
                                                                       16.6
                                                                             13.8
                     19.3 21.9
                                  20.5
## 6279
          13.5 12.1
                                        15.4
                                              12.0
                                                     14.9
                                                           11.4
                                                                 10.7
                                                                       12.5
## 6280
          16.8 17.1 21.1 20.1
                                  18.1
                                        14.9
                                              11.8 12.3
                                                           14.6
                                                                 12.0 14.4
                                                                             17.2
          19.6 19.6 22.3 15.2 15.4 12.2 15.4 16.2 23.2 20.8 21.3 13.6
## 6281
```

```
## 6282
          12.3 11.3 11.0 16.1 15.1 17.6 16.2 19.9 19.3 21.5 16.1 13.1
## 6283
          13.0 13.1
                      11.8
                           12.8
                                  13.7
                                         16.0
                                               15.6
                                                     21.0
                                                           20.0
                                                                 18.1
                                                                        16.6
                                                                              14.1
          14.3 16.7
                                                           10.9
                                                                        19.8
## 6284
                      17.0
                            11.9
                                  13.3
                                         17.1
                                               20.3
                                                     21.4
                                                                  14.6
          21.6 17.9 11.9
                            13.4
                                  15.7
                                         20.9
                                               21.1
                                                     23.0
## 6285
                                                           17.6
                                                                  16.6
                                                                        10.4
                                                                              12.3
## 6286
          24.1
               24.1
                      15.7
                            11.9
                                  16.7
                                         19.5
                                               21.0
                                                     21.9
                                                           16.0
                                                                  14.0
                                                                        15.6
## 6287
          22.1
               20.0
                      15.2 13.2 18.5
                                         22.7
                                               21.1
                                                     15.3
                                                           11.5
                                                                  17.6 12.8
                                                                              19.3
               20.5
                      18.8
                            12.7
                                  12.0
                                         15.5
                                               21.8
                                                     21.4
                                                           20.7
                                                                  21.4
## 6288
          20.0
                                                                        17.5
                                                                 13.4
                      16.9
                            13.1
                                  12.7
                                         16.0
                                               22.2
                                                     21.8
                                                           17.2
## 6289
          16.4 13.9
                                                                        13.9
                                                                              15.1
                                                     14.2
## 6290
          17.7
                17.7
                      19.7
                             23.1
                                  22.1
                                         16.6
                                               14.7
                                                           13.3
                                                                  14.8
                                                                        14.2
                                                                              18.2
## 6291
          20.7
                21.4
                      20.5
                            17.6
                                                                              18.2
                                  18.2
                                         11.6
                                               14.4
                                                      2.1
                                                             1.7
                                                                   8.0
                                                                        11.8
## 6292
          20.2
                26.6
                      27.4
                            19.6
                                  13.4
                                          5.8
                                               -1.1
                                                      0.0
                                                             1.3
                                                                   7.1
                                                                         9.2
                                                                              15.6
## 6293
                27.5
          25.2
                      23.0
                            19.4
                                  10.2
                                          6.1
                                                0.6
                                                     -1.1
                                                             6.3
                                                                   3.9
                                                                         7.3
                                                                              13.3
## 6294
          14.8
                14.2
                      13.5
                             10.4
                                    8.1
                                          7.4
                                                9.1
                                                     10.4
                                                           12.4
                                                                  14.5
                                                                        14.0
                                                                              13.4
## 6295
          10.6
                 6.0
                       5.9
                              4.8
                                    3.6
                                          7.4
                                                9.8
                                                     12.2
                                                            13.8
                                                                  13.8
                                                                        10.0
                                                                               6.1
## 6296
           4.6
                 4.6
                       5.8
                             8.9
                                   10.4
                                         13.1
                                               14.5
                                                     12.3
                                                            10.2
                                                                   7.7
                                                                         5.1
                                                                               3.5
## 6297
           6.1
                 8.6
                      11.2
                             13.5
                                   14.1
                                         14.7
                                               13.8
                                                      9.5
                                                             7.8
                                                                   6.8
                                                                         5.1
                                                                              11.0
## 6298
          13.5
                14.5
                      15.5
                            15.9
                                  15.4
                                         14.0
                                                8.1
                                                      7.6
                                                             9.6
                                                                  10.5
                                                                              15.5
                                                                        13.1
## 6299
          17.3
                15.6
                      13.3
                            11.9
                                    6.0
                                          6.0
                                                8.0
                                                     11.1
                                                           13.2
                                                                  14.4
                                                                        15.9
          13.9
                                                                        15.0
## 6300
                12.5
                      11.5
                             4.0
                                    5.5
                                         10.8
                                               12.2
                                                     14.4
                                                           15.6
                                                                  16.2
                                                                              10.9
## 6301
           9.0
                 4.9
                       8.0
                             5.8
                                  10.8
                                         13.6
                                               15.0
                                                     16.5
                                                           16.3
                                                                  14.9
                                                                        11.5
                                                                               9.7
                                                     17.4
                                                                  10.6
                                                                         7.8
## 6302
           7.6
                 7.6
                       3.2
                           11.3
                                  13.7
                                         15.2
                                               16.8
                                                           15.9
                                                                               8.0
## 6303
           8.4
                 7.2
                      10.9
                            12.8
                                  13.8
                                         14.9
                                               15.8
                                                     15.0
                                                           11.2
                                                                   7.5
                                                                         7.1
                                                                               6.8
## 6304
           5.4
                 9.7
                      11.5
                            15.5
                                  14.9
                                         15.7
                                               14.3
                                                     11.0
                                                             9.4
                                                                   3.5
                                                                              22.0
                                                                         5.6
## 6305
          15.9
                24.2
                      12.7
                            17.5
                                    3.2
                                         17.2
                                               12.5
                                                      4.5
                                                            7.4
                                                                  11.8
                                                                        26.8
                                                                              26.8
                                                                  18.1
## 6306
           6.6
                 5.5
                       6.4
                            15.8
                                  19.9
                                         24.1
                                               25.8
                                                     25.9
                                                           21.9
                                                                         8.7
                                                                              11.1
## 6307
           4.3
                -6.4
                      -6.3
                            -1.6
                                   7.9
                                         14.6
                                               23.4
                                                     26.8
                                                           21.6
                                                                  17.2
                                                                         8.0
                                                                               4.2
## 6308
          -2.0
                -3.2
                       0.2
                            12.7
                                  17.2
                                         15.2
                                               24.8
                                                     -1.0
                                                           10.1
                                                                  16.0
                                                                        25.2
                                                                              22.8
## 6309
                 0.0
                      -1.6
                            -7.2
                                  11.5
                                         16.0
                                                     24.0
                                                            24.0
          18.2
                                               23.6
                                                                  21.0
                                                                        14.7
                                                                               5.6
                     15.2
                             1.4
                                                             5.2
## 6310
           3.8
                -6.6
                                  20.8
                                         11.6
                                               18.5
                                                      4.3
                                                                  15.3
                                                                        18.9
                                                                              23.5
## 6311
          25.3
                25.0
                      21.1
                            17.5
                                    8.6
                                         10.6
                                                3.5
                                                     26.9
                                                           21.0
                                                                  14.5
                                                                         6.1
                                                                               7.4
## 6312
          16.0
                 8.0
                      25.2
                            16.4
                                  19.9
                                         16.7
                                                2.1
                                                     16.8
                                                             4.0
                                                                  25.9
                                                                        24.7
                                                                              19.6
## 6313
          25.2
               24.1
                      11.6
                            24.4
                                   25.1
                                         24.5
                                               17.4
                                                      7.9
                                                             5.5
                                                                  16.7
                                                                        23.4
                                                                              25.9
                                                                              19.7
## 6314
          25.4
                14.8
                      18.9
                            23.6
                                  26.1
                                         11.7
                                                6.1
                                                      3.1
                                                           -1.2
                                                                   3.4
                                                                        15.2
## 6315
          23.4
                16.4 10.0
                             6.0
                                  -0.3
                                         -7.4
                                                8.5
                                                     17.9
                                                           21.6
                                                                  19.0
                                                                        15.0
                                                                               4.9
## 6316
          -2.9
                19.1
                      10.8
                            -7.3
                                  -0.9
                                         15.8
                                               20.3
                                                     20.3
                                                           21.0
                                                                  17.0
                                                                         9.5
                                                                              13.0
## 6317
          23.9
               18.3
                      12.0
                             4.9
                                  21.4
                                         16.9
                                               11.0
                                                      7.9
                                                           -0.9
                                                                  19.3
                                                                        21.3
                                                                              10.6
## 6318
           3.5
                -1.5
                      -2.4
                            17.4
                                  20.5
                                         20.7
                                                3.4
                                                     10.3
                                                           16.5
                                                                  21.5
                                                                        21.4
                                                                              17.3
## 6319
          11.5
                 2.6
                      -5.1
                            10.6
                                  21.9
                                         12.3
                                                8.1
                                                      0.5
                                                           24.1
                                                                  24.1
                                                                        20.1
                                                                              14.0
## 6320
          13.7 15.7
                      20.5
                            18.5
                                  13.8
                                          5.1
                                                6.4
                                                     19.6
                                                           22.2
                                                                  -3.6
                                                                        -0.2
                                                                              11.2
                                                           -0.9
## 6321
          17.1
                 2.6
                      -0.1
                             8.4
                                  17.6
                                         11.3
                                                7.5
                                                      0.5
                                                                  -4.9
                                                                        10.7
                                                                              15.3
## 6322
          22.4 22.8
                      23.8
                            19.6
                                  15.7
                                          4.5
                                                4.2
                                                     -4.9
                                                             1.9
                                                                  19.7
                                                                        15.9
## 6323
          -7.6 20.4
                      20.3
                            16.8
                                    2.8
                                         -1.7
                                                8.0
                                                     12.7
                                                           21.3
                                                                  19.0
                                                                         9.8
                                                                               4.0
                13.9
                      21.2
                                    7.3
                                         -2.3
                                               10.2
                                                           23.2
                                                                  21.2
## 6324
           8.9
                            15.1
                                                     15.6
                                                                        17.9
                                                                               9.8
## 6325
           4.5
                -4.7
                       8.3
                            13.5
                                         23.0
                                                     17.4
                                                           11.5
                                                                   7.2
                                                                              -0.1
                                  17.8
                                               21.1
                                                                        -1.3
               21.9
                       3.3
                            -3.2
                                               19.0
                                                     20.3
## 6326
          18.0
                                    7.7
                                         13.5
                                                            16.0
                                                                   2.3
                                                                        -4.3
                                                                               7.4
                      21.9
                            16.3
                                               -7.5
                                                     -9.8
                                                            7.6
                                                                              18.7
## 6327
          13.3
                18.9
                                   11.6
                                          2.3
                                                                  16.5
                                                                        17.3
## 6328
           9.3
                 7.2
                      -2.4
                            -1.2
                                    6.9
                                         13.9
                                               18.5
                                                     22.3
                                                            17.5
                                                                  10.4
                                                                         5.2
                                                                              -0.7
## 6329
          12.4
               19.2
                      21.1
                            13.9
                                    3.7
                                         -4.5
                                                     22.5
                                                            17.6
                                                                   8.7
                                                                         2.9
                                                                               7.7
                                                0.3
## 6330
          12.3
               17.9
                      23.3
                            20.6
                                  16.2
                                          2.1
                                               -1.2
                                                      6.3
                                                           13.8
                                                                  19.8
                                                                        22.9
                                                                              21.8
                       6.5
                                   -2.2
                                                           21.8
                                                                  20.0
## 6331
          17.0
               10.2
                             0.1
                                         -3.0
                                                8.4
                                                     14.3
                                                                        22.2
                                                                              17.9
                                                                              10.7
## 6332
          12.5
                 4.5
                       0.4
                            -5.9
                                  16.7
                                         14.7
                                               19.9
                                                     27.8
                                                           28.4
                                                                  24.4
                                                                        19.1
                      24.3 27.7
                                                                  23.2
## 6333
          16.2
               19.2
                                  26.5
                                         16.4
                                               11.0
                                                     11.5
                                                           14.7
                                                                        17.0
                                                                               9.3
                                                     25.1
## 6334
          13.3 17.9
                      21.6
                            23.9
                                  26.3
                                         27.3
                                               27.3
                                                           21.5
                                                                 18.6
                                                                        14.2
                                                                              13.2
           9.8 23.9 27.4 27.5 23.2 15.5 12.3 17.6 24.9
## 6335
                                                                 27.7
                                                                        24.5
                                                                              20.0
```

```
15.7 15.5 19.2
## 6336
          17.1 14.5
                                          24.8 27.2 27.5
                                                             25.3
                                                                    23.4
                                                                          14.8
## 6337
          18.2
                15.5
                       14.3
                             17.6
                                   27.5
                                          26.6
                                                 13.3
                                                       10.3
                                                             12.5
                                                                    18.6
                                                                          27.3
                                                                                 28.3
                                                             28.8
                                                                          27.8
## 6338
          25.9
                22.1
                       12.8
                             14.1
                                    15.2
                                          15.2
                                                 18.7
                                                       24.4
                                                                    28.4
                                                                                 24.6
                                    12.8
## 6339
          17.5
                 14.1
                       11.5
                             12.6
                                          17.9
                                                 19.2
                                                       25.8
                                                             27.7
                                                                    27.2
                                                                          25.1
                                                                                 21.4
  6340
          14.9
                 11.3
                       12.1
                             14.5
                                    14.8
                                          22.0
                                                 22.0
                                                       27.5
                                                             28.2
                                                                    29.5
                                                                          27.3
                                                                                 21.2
## 6341
          14.3
                11.3
                       10.6
                             17.7
                                   25.8
                                          27.2
                                                 27.8
                                                       26.7
                                                             20.2
                                                                    14.6
                                                                          12.3
                                                                                  9.6
                       19.1
                             25.1
                                    27.1
                                          27.6
                                                 21.5
                                                       14.7
                                                              15.5
                                                                    14.2
## 6342
          15.4
                15.5
                                                                          17.0
                                                                     6.7
                       26.9
                             28.2
                                    27.2
                                          24.4
                                                 17.7
                                                              7.2
## 6343
          19.7
                 23.9
                                                       15.4
                                                                          13.5
                                                                                 19.3
##
   6344
          23.3
                 26.3
                       26.7
                             25.6
                                   19.6
                                          16.2
                                                  8.6
                                                       12.7
                                                             13.7
                                                                    18.3
                                                                          24.0
                                                                                 26.0
          26.7
                                           9.8
                                                             19.6
                                                                          26.8
##
  6345
                 27.2
                       21.7
                             13.6
                                   10.9
                                                  9.5
                                                       12.0
                                                                    21.6
                                                                                 28.2
  6346
          27.5
                 25.0
                       20.9
                             15.3
                                     9.2
                                           7.3
                                                 13.5
                                                       16.6
                                                             17.2
                                                                    21.9
                                                                          24.2
##
  6347
          25.6
                25.1
                       19.1
                             16.0
                                    13.1
                                           9.0
                                                 15.9
                                                       13.3
                                                             17.2
                                                                    25.1
                                                                          25.9
                                                                                 27.6
##
   6348
          25.2
                21.4
                       13.3
                             10.0
                                     7.5
                                           7.5
                                                 15.3
                                                       20.3
                                                             23.9
                                                                    26.1
                                                                          26.5
                                                                                 27.5
   6349
          25.2
                21.1
                       14.8
                              7.6
                                     8.9
                                                 19.9
                                                       23.4
                                                             26.6
                                                                    26.4
##
                                          15.1
                                                                          26.6
                                                                                 25.1
                                                 20.9
##
  6350
          17.0
                15.6
                       11.8
                             11.0
                                    10.9
                                          13.4
                                                       23.3
                                                             25.1
                                                                    26.3
                                                                          26.1
                                                                                 25.4
##
   6351
          11.2
                 8.0
                       10.7
                             14.5
                                    20.2
                                          23.6
                                                 25.7
                                                       10.1
                                                              10.5
                                                                    17.9
                                                                          23.4
                                                                                 27.8
   6352
          26.4
                25.9
                       22.4
                             18.3
                                   11.8
                                          12.9
                                                 17.7
                                                       19.0
                                                             23.9
                                                                    25.3
                                                                          27.1
                                                                                 26.6
##
##
   6353
          23.9
                18.3
                       14.9
                             12.8
                                   13.5
                                          15.6
                                                 18.7
                                                       24.2
                                                             26.3
                                                                    26.5
                                                                          26.5
                                                                                 23.4
          20.6
  6354
               15.5
                       10.8
                             13.2
                                     9.8
                                          16.3
                                                 23.2
                                                       26.6
                                                             28.5
                                                                    27.6
                                                                          27.0
##
                                                                                 18.7
##
  6355
          14.1
                10.4
                        7.3
                             11.6
                                   15.0
                                          21.8
                                                 27.4
                                                       28.1
                                                             27.2
                                                                    24.3
                                                                          20.3
                                                                                 16.9
                             16.9
                                   23.3
                                                       26.5
##
   6356
           9.9
                10.1
                       11.6
                                          26.3
                                                 26.3
                                                             23.7
                                                                    19.7
                                                                          15.6
                                                                                 13.8
   6357
           8.2
                10.3
                       12.4
                             22.0
                                    24.0
                                          27.1
                                                 26.4
                                                       22.6
                                                             19.2
                                                                    14.3
                                                                           8.8
                                                                                  7.4
                                                 23.6
  6358
          10.9
                14.2
                       22.4
                             25.1
                                    25.7
                                          25.1
                                                       21.9
                                                             13.3
                                                                    15.2
                                                                           6.1
                                                                                 10.0
##
   6359
          17.6
                22.9
                       25.7
                             25.6
                                    26.4
                                          24.0
                                                 21.3
                                                       18.4
                                                              8.9
                                                                     9.8
##
                                                                          13.6
                                                                                 15.4
                                                 20.0
                23.6
                       27.2
                             28.5
                                   27.2
                                          26.1
                                                             10.6
                                                                     9.4
                                                                          12.2
                                                                                 15.0
## 6360
          18.9
                                                       17.8
  6361
          18.3
                24.3
                       26.0
                             27.7
                                    27.9
                                          25.1
                                                 17.2
                                                       15.0
                                                             13.6
                                                                     8.1
                                                                          10.3
## 6362
          19.6
                22.7
                       26.4
                             27.7
                                    27.4
                                          25.7
                                                 18.5
                                                       17.1
                                                             12.1
                                                                    13.9
                                                                          12.2
                                                                                 16.5
                       26.1
                             27.2
                                    27.6
                                          24.8
                                                 18.9
                                                              6.9
##
   6363
          18.8
                 23.4
                                                       15.1
                                                                    12.6
                                                                          15.0
                                                                                 16.5
                       27.3
                             27.6
                                   28.4
                                          25.9
                                                                          13.3
                                                                                16.6
##
  6364
          18.3
                23.0
                                                 20.0
                                                       16.1
                                                             13.7
                                                                    11.3
  6365
          20.7
                 24.4
                       26.5
                             27.7
                                    27.4
                                          25.1
                                                 20.8
                                                       12.3
                                                             12.5
                                                                     9.7
                                                                          13.9
                                                                                 15.7
## 6366
          18.6
                22.3
                       26.3
                             28.0
                                    26.3
                                          25.1
                                                 19.7
                                                       13.6
                                                             13.1
                                                                    12.8
                                                                          11.5
                                                                                 13.9
##
   6367
          16.7
                 22.2
                       26.6
                             28.1
                                    28.2
                                          25.7
                                                 20.1
                                                       13.8
                                                              9.9
                                                                     8.4
                                                                          13.4
                                                                                 15.6
                       26.4
##
   6368
          20.3
                23.0
                             26.6
                                   26.9
                                          24.8
                                                 20.3
                                                       17.7
                                                              12.9
                                                                    10.6
                                                                          12.8
                                                                                 16.6
          19.5
  6369
                24.2
                       25.9
                             28.1
                                    28.4
                                          25.9
                                                 20.2
                                                       13.7
                                                              10.9
                                                                     9.4
##
                                                                          11.3
                                                                                 13.0
## 6370
          17.6
                24.2
                       25.9
                             27.6
                                    26.6
                                          24.7
                                                 19.6
                                                       15.1
                                                              12.4
                                                                    10.6
                                                                          12.8
                                                                                 19.0
##
  6371
          17.4
                22.3
                       25.1
                             27.4
                                   27.4
                                          26.2
                                                 19.5
                                                       12.9
                                                              9.7
                                                                    11.2
                                                                          12.0
                                                                                 13.9
## 6372
          18.4
                24.7
                       28.0
                             28.6
                                   28.4
                                          25.8
                                                 21.2
                                                       17.4
                                                             14.0
                                                                    12.9
                                                                          14.0
## 6373
          21.6
                23.1
                       26.2
                             27.4
                                    29.1
                                          24.4
                                                 20.4
                                                       15.6
                                                             10.9
                                                                    12.0
                                                                          14.2
                                                                                 17.5
## 6374
          18.2
                24.9
                       26.4
                             29.0
                                    28.8
                                          25.1
                                                 20.1
                                                       13.9
                                                              7.8
                                                                     8.5
                                                                          14.6
                                                                                 13.8
                       26.1
## 6375
          20.8
                23.6
                             27.6
                                   27.1
                                          24.4
                                                 18.4
                                                       17.7
                                                             12.8
                                                                    11.4
                                                                          10.1
                                                                                 15.0
                23.1
                       26.4
                             27.4
                                    27.0
                                          26.3
                                                 22.0
                                                       13.4
                                                             10.6
                                                                     7.9
## 6376
          21.0
                                                                          12.0
## 6377
          19.8
                25.1
                       26.7
                             27.2
                                   27.8
                                          25.3
                                                 20.7
                                                       17.4
                                                              9.9
                                                                    10.5
                                                                          10.6
                                                                                17.9
                       26.7
                             28.2
                                    26.8
                                          25.9
                                                 23.4
                                                       17.0
                                                             10.3
  6378
          18.8
                23.9
                                                                    12.9
                                                                          13.7
                                                                                 14.9
                22.6
                       26.0
                             27.8
                                   27.8
                                          27.1
                                                 19.7
                                                             10.3
##
  6379
          18.1
                                                       16.1
                                                                    13.3
                                                                          11.5
                                                                                 16.4
                       26.9
                             27.6
                                    28.2
                                          25.2
  6380
          21.6
                23.6
                                                 20.6
                                                       13.9
                                                             12.1
                                                                    11.0
                                                                          11.0
                                                                                 17.1
                 22.8
                       26.7
                             27.1
                                    29.0
                                          25.9
                                                       15.2
## 6381
          19.1
                                                 21.8
                                                             13.9
                                                                    10.0
                                                                          13.1
                                                                                 14.8
##
  6382
          19.6
                24.0
                       26.7
                             27.4
                                    26.9
                                          25.0
                                                 18.9
                                                       13.9
                                                             13.6
                                                                    10.8
                                                                          12.2
                                                                                 17.0
## 6383
                24.1
                       27.9
                             27.8
                                    26.7
                                          25.9
                                                 20.7
                                                             10.2
                                                                     7.2
                                                                                12.9
          19.0
                                                       14.3
                                                                           7.6
##
  6384
          19.3
                24.6
                       27.8
                             28.7
                                    28.1
                                          26.3
                                                 20.1
                                                       15.8
                                                              8.5
                                                                     8.9
                                                                          12.6
                                                                                 17.2
                       28.6
                                   29.2
                                          25.1
##
  6385
          21.7
                23.4
                             28.6
                                                 18.3
                                                       15.6
                                                             12.9
                                                                    13.7
                                                                          14.7
                                                                                 20.2
##
  6386
          20.6
                24.8
                       26.5
                             27.8
                                   27.4
                                          25.8
                                                 20.2
                                                       13.7
                                                              13.3
                                                                    13.1
                                                                          12.9
                                                                                 13.0
                       27.2
## 6387
          18.7
                21.9
                             26.4
                                   26.8
                                          26.3
                                                 21.3
                                                       14.2
                                                             11.7
                                                                     7.0
                                                                          11.2
                                                                                 13.3
## 6388
          18.9
                22.1
                       26.6
                             26.8
                                   27.6
                                          26.2
                                                19.9
                                                       12.3
                                                             12.5
                                                                    10.1
                                                                           9.6
                                                                                 17.3
          21.5 24.3 27.0 27.6 27.9
                                          25.6 21.1 17.8
## 6389
                                                            16.2
                                                                     9.5
                                                                          12.5
                                                                                17.5
```

```
25.9 22.2 16.9 13.6 15.1 16.1 17.6
## 6390
         20.1 23.4 27.2 28.1
                                28.0
## 6391
         21.8
              23.5
                     26.2
                           28.0 27.8
                                       25.7
                                             22.0
                                                  16.4
                                                        11.8
                                                               8.2
                                                                    18.0
         18.9 25.1
                     27.0
                                                        12.8
                                                                    17.2
## 6392
                           28.3 27.8
                                       26.8
                                            22.5
                                                  14.5
                                                              11.3
## 6393
                           28.9
                                 28.6
                                       28.8
                                             23.2
                                                  14.3
                                                        13.0
         19.8 25.8
                     28.2
                                                              13.5
                                                                    14.3
## 6394
         21.2 22.4
                     27.6
                           28.3
                                 28.6
                                       24.6
                                             21.5
                                                   17.2
                                                        10.9
                                                              11.2
                                                                    10.9
                                                                          17.2
## 6395
         18.6 23.2 26.9 27.6 28.1 25.4 22.4
                                                  14.6
                                                        16.8
                                                               9.7
                                                                    18.3
                                                                          19.0
         21.7 21.6
                     21.3 17.6
                                14.5
                                      11.2 11.0
                                                  10.1
                                                        14.3
                                                              13.5
## 6396
                                                                    15.9
              22.4
                     20.2 16.7
                                 13.0
                                      12.4
                                            11.0 12.3
                                                       10.9
                                                              14.3
## 6397
         19.1
                                                                    16.2
                                                                          17.6
## 6398
         21.8 23.4
                     22.5
                           17.8
                                13.8
                                       22.3
                                             18.4
                                                   21.2
                                                        21.0
                                                              21.3
                                                                    17.0
## 6399
          9.0
                8.6
                    10.5
                                16.4
                                             20.9
                                                   21.6
                                                        16.6
                          15.7
                                      19.6
                                                              17.1
                                                                    10.5
                                                                          16.1
## 6400
         14.2 11.9
                     13.4
                           10.8 11.6
                                       18.4
                                             16.7
                                                   19.3
                                                        21.9
                                                              18.4
                                                                    22.9
## 6401
         23.8 19.4
                     19.4
                           13.3 13.6
                                       13.9
                                             13.2
                                                   16.3
                                                        16.7
                                                               21.2
                                                                    24.0
                                                                          22.5
                     14.0
## 6402
         23.3 16.5
                          11.4
                                11.4
                                       15.6
                                             22.8
                                                   23.0
                                                        18.6
                                                              15.8
                                                                    14.1
                                                                          14.9
## 6403
               17.2
                     22.1 24.6
                                24.8
                                       22.2
                                             13.7
                                                   17.2
                                                        13.8
                                                              16.3
                                                                          24.2
         14.1
                                                                    20.3
## 6404
         24.2
               21.6
                     20.4
                          18.6
                                14.6
                                       13.0
                                             13.4
                                                   14.9
                                                        19.6
                                                              23.6
                                                                    26.0
                                                                          22.8
## 6405
         23.5
               22.5
                     15.9
                           10.6
                                11.7
                                       13.4
                                             17.3
                                                   21.8
                                                        23.3
                                                              22.4
                                                                    24.9
                                                                          18.4
## 6406
         15.6 15.0
                     14.2
                          14.9
                                13.5
                                       14.9
                                             19.9
                                                   25.4
                                                        13.3
                                                              14.6
                                                                    13.0
                                                                          23.9
## 6407
         24.8 26.9
                     22.1
                           18.5
                                14.5
                                       12.7
                                             13.4
                                                   12.5
                                                        14.3
                                                              17.5
                                                                    19.9
                                                                          23.6
## 6408
         23.9 21.9
                     22.1 16.3 14.1
                                      14.1
                                            13.0
                                                   14.9
                                                        18.0
                                                              20.3
                                                                    23.5
                                                                          25.4
## 6409
         23.1
              18.2 11.1
                          11.5
                                15.1
                                       15.0
                                             20.6
                                                   21.4
                                                        22.9
                                                              24.5
                                                                    23.3
                                                                          17.6
## 6410
         11.9 12.3
                    14.7
                           14.3
                                17.9
                                       19.8
                                             23.8
                                                   23.1
                                                        24.1
                                                              17.9
                                                                    16.3
                                                                          12.2
## 6411
         17.0 13.6
                    15.7
                          14.8
                                20.1
                                       25.9
                                             26.5
                                                   23.9
                                                        22.4
                                                              14.1
                                                                    12.5
         12.3 18.4 18.0 20.7
                                       24.1
                                             23.5
## 6412
                                 20.9
                                                   24.2 18.1
                                                              13.9
                                                                    13.0
                                                                          13.1
## 6413
         13.3 14.4
                     16.7
                          19.2
                                 19.5
                                       24.6
                                             24.0
                                                   21.1
                                                        18.6
                                                              16.8
                                                                    13.4
                                                                          14.9
         11.0 18.6 23.3
                          27.3
                                23.5
                                       23.0
                                             18.4 17.3
                                                        12.4
                                                              13.6
                                                                          18.1
## 6414
                                                                    16.2
## 6415
         21.1
               24.3
                     25.3
                          22.0
                                19.7
                                       16.0
                                             11.5
                                                  12.4
                                                        17.5
                                                              18.2
                                                                    23.6
## 6416
         24.9
               24.1
                     21.9
                          18.1
                                15.9
                                       12.5
                                             16.3
                                                   20.1
                                                        19.5
                                                              25.4
                                                                    24.9
                                                                          18.8
## 6417
         13.2 13.0 14.6
                          17.8
                                19.5
                                       21.8
                                             23.7
                                                        18.5
                                                   23.1
                                                              15.4
                                                                    14.2
                                                                          11.3
               17.0 18.6 22.8 21.7
                                                        13.9
                                                              16.5
## 6418
         16.7
                                      19.0
                                             13.3
                                                   14.7
                                                                    19.5
                                                                          20.5
## 6419
         22.9
               26.8
                     25.6
                           20.5
                                 16.2
                                      11.8
                                             11.9
                                                   18.1
                                                        21.2
                                                              22.2
                                                                    24.4
                                                                          24.8
## 6420
         25.0
               18.8
                     16.8
                           16.8
                                 15.4
                                       18.7
                                             21.7
                                                   21.8
                                                        25.1
                                                              24.9
                                                                    25.6
                                                                          21.8
## 6421
         17.9
               16.5
                     18.5
                           17.4
                                 23.3
                                       23.8
                                             25.9
                                                   25.9
                                                        23.6
                                                              15.0
                                                                    13.1
                                                                          18.2
                     23.4
                           25.3
                                24.8
                                       23.5
## 6422
         18.8
               17.6
                                             20.2
                                                   17.4
                                                        12.7
                                                              11.8
                                                                    19.2
                                                                          19.0
## 6423
         21.8 25.7
                     24.5
                           23.7
                                 22.5
                                       18.0
                                             15.9
                                                   13.9
                                                        17.7
                                                              17.8
                                                                    21.5
                                                                          27.7
                     21.5
## 6424
         26.3 23.8
                           18.5
                                13.0
                                       12.7
                                             11.7
                                                   18.2
                                                        16.7
                                                              20.7
                                                                    24.7
                                                                          25.5
## 6425
         24.4 20.3 16.0
                          14.0 14.7
                                       18.4
                                             22.1
                                                   22.6
                                                        25.0
                                                              27.3
                                                                    26.2
                                                                          23.2
## 6426
         17.0 15.2 15.5 15.5
                                18.7
                                       19.2
                                             23.3
                                                   26.1
                                                        25.6
                                                              23.9
                                                                    19.6
## 6427
         12.0 15.1
                    13.2
                          15.3
                                15.5
                                       21.5
                                             28.6
                                                   33.9
                                                        34.8
                                                              32.6
                                                                    28.5
                                                                          23.0
## 6428
         18.1
              12.4
                     10.5
                           14.2
                                 19.6
                                       21.9
                                             29.2
                                                   32.4
                                                        34.2
                                                              34.3
                                                                    30.8
                                                                          24.3
                          12.9 18.0
                                       22.5
## 6429
         19.5 11.8 11.3
                                             25.1
                                                   33.3
                                                        33.9
                                                              33.2
                                                                    30.8
                                                                          24.8
## 6430
         18.2 13.3 13.6
                          14.6
                                18.4
                                       21.2
                                             30.1
                                                   30.4
                                                        35.4
                                                              33.9
                                                                    30.9
## 6431
         19.7 12.1 12.6
                          13.4 16.1
                                       20.5
                                             25.7
                                                   32.0
                                                        34.5
                                                              33.6
                                                                    31.8
                                                                          23.9
                     11.9
                          11.6 18.6
                                       22.3
                                             25.2
                                                   31.9
                                                        34.1
## 6432
         15.6 15.3
                                                               35.5
                                                                    31.4
                                                                          24.4
## 6433
                    13.4
                          14.3 18.8
                                       23.0
                                             28.4
                                                   33.6
                                                        33.2
                                                              34.3
         15.8 11.8
                                                                    30.2
                                                                          24.6
## 6434
                     10.5 12.4 19.3
                                       22.8
                                             27.8
                                                   33.2
         18.5
              13.7
                                                        33.9
                                                              33.3
                                                                    30.2
                          16.4
                                       22.7
                                             27.4
## 6435
         17.6 13.5
                    13.8
                                19.3
                                                   34.0
                                                        34.3
                                                              31.8
                                                                    29.7
                                                                          25.0
## 6436
         17.3 14.3
                     13.3
                           17.2
                                21.1
                                       21.4
                                             24.6
                                                   33.2
                                                        33.5
                                                               34.7
                                                                    30.7
                                                                          24.9
## 6437
         14.9 11.9
                     11.7
                           17.0
                                19.4
                                       22.3
                                             25.9
                                                              32.5
                                                                    29.5
                                                                          25.9
                                                   33.6
                                                        34.9
## 6438
         18.8 14.0 11.9
                          15.5
                                20.3
                                       23.2
                                             26.9
                                                   34.1
                                                        33.7
                                                               33.7
                                                                    29.9
                                                                          25.9
                          14.2
                                       24.4
                                             27.9
## 6439
         20.2 14.8 14.8
                                 18.4
                                                   32.1
                                                        34.8
                                                              33.7
                                                                    31.8
                                                                          22.2
## 6440
         16.3 13.0 12.1
                          12.3
                                17.0
                                       23.2
                                            22.8
                                                   32.1
                                                        35.2
                                                              34.9
                                                                    31.7
                                                                          23.7
         17.6 13.4 12.3 13.8 18.0 22.6 29.5
                                                        36.2
## 6441
                                                   31.4
                                                              36.3
                                                                    32.3
                                                                          25.7
## 6442
         18.7 12.3 12.4
                            9.0
                                -3.1 22.0 -13.4
                                                    4.4
                                                        12.6
                                                              21.4
                                                                    22.6
                                                                          14.3
                                       22.7 23.1 21.7 17.5 10.0
## 6443
         -4.6 -6.0 -13.2
                            5.5 13.9
                                                                    0.7
                                                                          -8.7
```

```
24.0 17.6 -1.0 -2.1 10.0 14.2
        -14.3 10.5 -2.7
                             8.0 13.9
                                                                      24.1
          21.7 22.7
                      18.0
                           14.4
                                  3.9
                                         4.5
                                              -4.3
                                                     6.5
                                                           6.4
                                                                14.0
## 6445
                                              14.4
                                                                      25.5
## 6446
          25.0 21.3
                     10.6
                             5.1
                                   5.0
                                         3.3
                                                    18.9
                                                          24.8
                                                                26.0
                             2.2
                                              18.6
                                                    22.9
                                                          25.9
## 6447
          18.1
                 8.0
                      11.5
                                 10.1
                                       14.1
                                                                 9.4
                                                                        8.9
                                                                              9.8
## 6448
          14.8 19.2
                      23.7
                           27.6
                                 25.9
                                        24.0
                                              15.7
                                                    12.7
                                                           6.8
                                                                 9.8
                                                                        0.9
                                                                            13.9
## 6449
           1.3 -16.3 17.9
                             0.3
                                  9.7 -10.9 -19.4 -13.9
                                                           1.9
                                                                12.1 -13.1 -11.5
           2.6 10.3 15.5 14.5 -15.1 -17.1 -16.1
                                                     1.5
                                                           9.0
                                                                18.0
## 6450
                                                                        7.5 - 11.2
        -18.7 12.0 -10.8 -16.8 -18.8 -12.0
                                               0.8
                                                    10.4
                                                           7.8
## 6451
                                                                -0.9 - 25.1
                                                                            13.9
          7.2 -16.8 -19.8
## 6452
                           -2.2
                                   9.1
                                        14.9
                                              16.3
                                                    11.8
                                                           5.4
                                                                -2.4 -16.8 -16.0
                       5.4
                           24.9
                                   1.6
                                         1.9
                                              28.1
                                                    26.6
                                                          16.1
## 6453
        -18.4 21.6
                                                                 1.8
                                                                        2.7
## 6454
          26.8 22.1
                       7.1
                             3.8
                                   1.0
                                         7.7
                                              16.8
                                                    27.4
                                                          23.4
                                                                19.5
                                                                      14.7
## 6455
          12.1
                 4.5
                       1.2
                            14.9
                                  19.1
                                        25.1
                                              26.0
                                                    26.9
                                                          23.6
                                                                18.4
                                                                        9.7
                                                                             11.8
## 6456
           2.9
               -9.8
                      -6.8
                            -2.3
                                   5.5
                                        11.3
                                              22.3
                                                    19.1
                                                           14.4
                                                                  9.0
                                                                        0.0
                                                                             -3.0
               -5.1
                       2.2
## 6457
          -3.9
                             5.6
                                        19.1
                                              23.2
                                                    19.8
                                                          15.4
                                                                  8.9
                                                                             -1.8
                                 12.7
                                                                        5.5
## 6458
          -5.8
               -7.1
                       1.1
                             8.2
                                 13.5
                                        20.2
                                              19.3
                                                    22.0
                                                          16.4
                                                                11.9
                                                                        2.4
                                                                             -1.4
## 6459
         -12.5
                26.9
                      17.2
                            20.0
                                  24.4
                                        27.4
                                              26.1
                                                    22.5
                                                           6.7
                                                                 7.0
                                                                        7.8
                                                                             17.1
          20.8 24.7
                      26.1
                           26.2
                                 22.6
                                        19.1
                                              10.2
                                                    12.0
                                                           5.4
                                                                17.0
                                                                      12.2
                                                                             18.3
## 6460
## 6461
          6.3 19.2
                      22.8
                           14.4
                                  9.7
                                        28.2
                                              27.5
                                                    25.4
                                                          20.2
                                                                14.2
                                                                       13.4
                                                                            19.7
## 6462
          26.2 10.9
                      8.5
                           18.3
                                 25.3
                                        27.7
                                              26.5
                                                    10.6
                                                          17.1
                                                                20.8
                                                                      24.7
## 6463
          26.8 21.8 16.7
                           11.1
                                 10.2
                                        28.0
                                              19.2
                                                    13.3
                                                          12.0
                                                                14.1
                                                                       24.3
                                                                             23.8
                             9.6
                                                                27.3
## 6464
          28.4 26.0 16.6
                                 13.6
                                        16.7
                                              20.7
                                                    26.1
                                                          26.9
                                                                       27.9
                                                                             26.9
## 6465
          22.5
               19.6
                     12.2 12.5
                                 18.2
                                        20.1
                                              24.3
                                                    27.4
                                                          28.3
                                                                25.0
                                                                       25.0
                           16.2
## 6466
          13.0 14.6 12.6
                                 20.0
                                        23.9
                                              27.5
                                                    27.8
                                                          24.9
                                                                21.1
                                                                      18.9
                                                                             23.4
## 6467
          26.8 26.7
                     10.9
                           14.8
                                  20.2
                                        24.5
                                              28.2
                                                    27.3
                                                          19.6
                                                                14.8
                                                                       20.0
                                                                             24.2
                       7.8
                                                    -0.1
          28.2 25.4
                           20.6
                                 28.1
                                        25.8
                                                           3.5
## 6468
                                               3.9
                                                                15.0
                                                                       20.3
                                                                             24.6
## 6469
          23.8 17.6
                    10.1
                             8.0
                                   3.5
                                         0.5
                                              16.9
                                                    21.3
                                                          23.3
                                                                22.8
                                                                       20.6
                                                                             15.5
## 6470
           6.2 -2.3 10.9
                           14.4
                                  22.9
                                        23.3
                                              21.9
                                                    19.0
                                                          12.7
                                                                 6.3
                                                                       -0.9
                                                                              0.5
## 6471
                      20.3
                           21.3
                                 22.5
                                                          -0.1
          10.5 16.1
                                        19.1
                                              11.7
                                                     8.8
                                                                -2.5
                                                                       -2.4
                                                                              5.7
## 6472
          13.4 18.3 22.5
                           24.4 23.8
                                        19.0
                                              13.0
                                                     6.8
                                                          -3.0
                                                                -4.0
                                                                      -1.6
                                                                              2.5
## 6473
          10.0 15.8
                      21.7
                            25.6
                                  22.3
                                        19.4
                                              12.7
                                                     9.7
                                                           2.9
                                                                 1.4
                                                                        2.2
                                                                             11.1
## 6474
          10.4 18.3
                      22.0
                            25.4
                                  22.7
                                        18.0
                                              12.3
                                                     5.5
                                                           3.5
                                                                -0.8
                                                                       -1.9
                                                                              0.7
## 6475
           8.5
               16.9
                      20.0
                            23.9
                                  21.4
                                        18.6
                                              13.2
                                                     4.6
                                                           0.1
                                                                -5.8
                                                                       -5.2
                                                                              0.1
                     21.2
                           21.8
## 6476
           9.0
               16.0
                                 21.4
                                        18.6
                                              11.9
                                                     2.8
                                                           2.0
                                                                 -4.2
                                                                       -9.3
                                                                              1.0
## 6477
           9.2 17.8
                      20.4
                           22.9
                                 22.7
                                        21.7
                                              13.7
                                                     9.2
                                                           6.5
                                                                -0.9
                                                                              6.9
                                                                        1.0
## 6478
           7.9
               15.8
                      21.9
                            25.1
                                  25.5
                                        21.7
                                              15.2
                                                     9.7
                                                           0.2
                                                                 1.0
                                                                        4.3
                                                                              4.3
## 6479
          13.9 14.9 21.7
                           23.3
                                 22.2
                                       19.7
                                              15.2
                                                     6.7
                                                          -1.6
                                                                 -2.5
                                                                        2.1
                                                                              1.4
## 6480
           5.3 18.0 21.2 24.1
                                 24.1
                                        21.4
                                              13.1
                                                     3.7
                                                           2.5
                                                                 -2.5
                                                                        0.5
                                                                              2.2
## 6481
           9.6 15.1
                      20.0
                           25.0
                                  23.3
                                        21.9
                                              14.2
                                                     4.6
                                                           3.5
                                                                 2.4
                                                                        0.7
                                                                              6.8
## 6482
           8.2 14.5
                      21.4
                            25.8
                                  23.8
                                        19.8
                                              13.2
                                                    10.2
                                                           2.9
                                                                 0.6
                                                                       -2.1
                                                                              6.9
                                              16.8
                                                           5.5
## 6483
          11.6 16.0
                      23.3
                           24.0 25.0
                                        21.2
                                                     6.5
                                                                -3.3
                                                                      -1.6
                                                                              7.7
## 6484
          22.3
               14.5
                     18.7
                           10.0
                                   2.5
                                         2.1
                                               9.5
                                                    17.5
                                                          16.3
                                                                  8.3
                                                                        6.9
                                                                             15.0
                                                                 9.7
## 6485
          21.9
                9.5
                     -0.1
                             9.2 22.0
                                         9.0
                                              10.1
                                                    13.8
                                                          17.5
                                                                      -2.4
                                                                              3.8
               17.9
                       2.6
                           18.3
                                  22.6
                                        17.0
                                                     9.5
                                                          22.8
## 6486
           9.4
                                               2.6
                                                                15.6
                                                                        2.8
                                                                             15.5
## 6487
          18.6
                 9.6
                           14.6
                                              17.4
                                                    21.5
                                                          15.7
                     -6.1
                                 23.3
                                         9.1
                                                                 3.7
                                                                       10.1
                                                                             16.3
           3.3 10.3 14.4
                                        18.0
## 6488
                           21.7
                                  21.7
                                              11.1
                                                     0.4
                                                           1.8
                                                                22.8
                                                                       13.3
                                                                             -5.5
                     14.5
                             4.7
                                              18.3
                                                    20.8
## 6489
          18.8
               24.3
                                   7.0
                                        16.4
                                                          19.3
                                                                21.8
                                                                        4.1
                                                                             -0.7
## 6490
           3.5
                 2.7
                      21.4
                            22.3
                                  25.0
                                        26.3
                                              26.0
                                                    28.0
                                                          28.9
                                                                 29.2
                                                                       28.6
                                                                             27.1
## 6491
          25.7
                     19.8
                           23.0
                                 23.5
                                        23.4
                                              25.6
                                                                29.4
                                                                       27.9
                                                                             27.1
               20.3
                                                    26.6
                                                          27.1
## 6492
          22.9
               23.0 19.8
                           -3.5
                                 10.7
                                         1.6
                                               2.3
                                                    17.8
                                                          15.1
                                                                 3.5
                                                                       -3.3
                                                                              3.1
                     -3.7
                             7.8
## 6493
          11.3
               10.5
                                 17.8
                                        -3.4
                                              -4.6
                                                     6.4
                                                          13.4
                                                                 23.7
                                                                        6.5
                                                                             -0.3
## 6494
          -2.8
                -6.7
                       9.0 14.1
                                 21.2
                                        21.7
                                              22.6
                                                    17.6
                                                          13.5
                                                                  3.1
                                                                             -7.0
                                                                        1.1
           0.2
                                 24.4
## 6495
                1.4 12.1 17.1
                                       26.0
                                              25.0
                                                    22.5
                                                          16.3
                                                                 9.9
                                                                        1.4
                                                                              4.4
                                        23.1
                                                    13.3
## 6496
          10.0 14.1 19.8 21.7
                                  26.2
                                              17.2
                                                           8.4
                                                                 2.9
                                                                        3.1
                                                                              6.0
          13.0 21.0 24.6 24.8 18.8
## 6497
                                       14.5
                                               9.1
                                                     2.8 - 1.1
                                                                  6.9
                                                                      11.1
                                                                            16.6
```

```
## 6498
          23.1 25.1
                       23.1
                             19.3
                                    11.2
                                            3.7 - 0.5
                                                        -9.0
                                                                1.2
                                                                    10.6
                                                                            22.0
                                                                                   23.9
          27.0
                 24.6
                       22.1
                              12.8
                                     9.4
                                            0.7
                                                  -5.7
                                                        -5.3
                                                                4.7
                                                                            25.1
## 6499
                                                                     18.1
                                                                                   26.1
  6500
                                                                     24.4
                                                                            25.0
          24.5
                 22.0
                       12.3
                               9.1
                                      2.9
                                           -6.1
                                                  -3.6
                                                         8.0
                                                               18.1
                                                                                   24.0
                 13.6
                               3.5
                                           -2.6
##
  6501
          20.0
                         6.4
                                      0.6
                                                   4.6
                                                        18.7
                                                               27.8
                                                                     22.1
                                                                            12.9
                                                                                   7.4
##
   6502
           2.8
                 -1.3
                         2.9
                               7.0
                                    16.5
                                           25.1
                                                  25.8
                                                        24.2
                                                               19.6
                                                                     13.9
                                                                             8.7
                                                                                   1.2
   6503
          -2.7
                  0.1
                         8.9
                              21.6
                                    21.9
                                           26.2
                                                  23.5
                                                        19.3
                                                               14.6
                                                                      9.4
                                                                             7.4
                                                                                    1.8
##
           3.7
                       17.4
                              23.9
                                                                     -3.1
  6504
                  7.9
                                    27.5
                                           27.6
                                                  21.3
                                                        14.9
                                                                8.7
                                                                            -2.3
                                                                                    3.9
                       25.9
                                           19.0
                                                  17.0
                                                                            -0.9
## 6505
           4.4
                 17.4
                              24.6
                                    24.2
                                                         6.5
                                                                6.6
                                                                     -4.4
                                                                                   11.2
##
   6506
          19.4
                 23.0
                       26.1
                              23.5
                                     20.1
                                           15.8
                                                  10.3
                                                        -1.7
                                                                0.6
                                                                       3.1
                                                                             8.6
                                                                                   14.5
                       26.9
##
   6507
          19.8
                 24.8
                              22.8
                                    22.2
                                           14.4
                                                   6.7
                                                         2.2
                                                                0.0
                                                                       3.9
                                                                             8.9
                                                                                  12.2
   6508
          22.0
                 24.7
                       25.7
                              25.5
                                    21.7
                                           10.6
                                                   9.7
                                                         4.4
                                                               -1.7
                                                                       0.6
                                                                             7.4
                                                                                  13.1
   6509
          19.4
                 24.3
                       26.1
                              26.0
                                    20.8
                                           10.8
                                                         2.5
                                                                4.5
                                                                             8.3
                                                                                  13.7
##
                                                   8.0
                                                                       0.3
##
   6510
          17.3
                 23.2
                       25.4
                              24.8
                                    20.2
                                           14.6
                                                   7.6
                                                        -5.0
                                                                5.5
                                                                       6.2
                                                                             9.9
                                                                                  12.1
          17.2
                 23.8
                       25.1
                              24.2
                                    21.7
##
   6511
                                           13.4
                                                  10.3
                                                         3.4
                                                               -0.4
                                                                       4.3
                                                                             8.8
                                                                                  14.9
  6512
          21.7
                 25.0
                       26.2
                              25.0
                                    21.2
                                           15.1
                                                   6.2
                                                         4.0
                                                                1.9
                                                                       5.3
                                                                             8.3
                                                                                   14.3
##
##
   6513
          17.7
                 22.1
                       26.1
                              23.0
                                     20.3
                                           14.3
                                                   8.3
                                                         2.4
                                                                2.5
                                                                       0.5
                                                                             6.2
                                                                                   12.3
          19.4
                 24.3
                       28.4
                              26.4
                                    19.4
                                           13.1
                                                         2.4
                                                               -2.6
                                                                       2.9
                                                                             7.4
                                                                                  15.1
##
  6514
                                                   7.1
##
   6515
          17.8
                 26.0
                       26.2
                              24.1
                                    20.1
                                           15.4
                                                  10.8
                                                         5.6
                                                                1.7
                                                                       2.3
                                                                             9.9
                                                                                  14.6
          19.1
  6516
                 24.4
                       27.3
                              28.6
                                    20.4
                                                                       2.4
                                                                                  10.8
##
                                           15.7
                                                   5.1
                                                         2.0
                                                               -0.6
                                                                             3.4
##
  6517
          19.6
                 23.3
                       24.0
                              24.3
                                    18.9
                                           13.8
                                                   4.6
                                                         3.4
                                                               -1.6
                                                                       4.3
                                                                             8.5
                                                                                   10.3
                              23.4
##
  6518
          15.5
                 22.2
                       25.0
                                    19.9
                                           14.2
                                                   5.4
                                                         1.7
                                                                4.2
                                                                       5.6
                                                                             7.9
                                                                                  12.7
  6519
          21.0
                 23.9
                       25.3
                              24.8
                                    23.2
                                           15.5
                                                   9.0
                                                         4.0
                                                                1.5
                                                                       4.9
                                                                             5.3
                                                                                  14.3
          18.6
## 6520
                 23.6
                       26.3
                              23.6
                                    20.1
                                           13.7
                                                  10.7
                                                         2.9
                                                                0.6
                                                                       6.0
                                                                                  12.1
                                                                             8.8
                 23.1
                       24.0
                              24.6
                                    19.6
                                           15.8
                                                               -0.6
                                                                                   16.3
## 6521
          19.6
                                                   6.1
                                                        -4.6
                                                                       4.1
                                                                             5.3
                22.6
                       25.4
                              24.8
                                                                3.4
## 6522
          19.8
                                    19.6
                                           13.6
                                                  10.3
                                                         4.8
                                                                       3.4
                                                                             6.5
                                                                                  14.9
  6523
          17.7
                 24.7
                       26.8
                              26.0
                                    23.0
                                           13.6
                                                   6.2
                                                         2.4
                                                               -2.6
                                                                      -0.2
                                                                             8.1
                                                                                  14.0
##
  6524
          18.0
                 20.8
                       25.0
                              25.1
                                    19.3
                                           14.3
                                                  10.1
                                                         3.6
                                                               -0.7
                                                                       2.3
                                                                             9.6
                                                                                   14.2
                       24.0
                              22.2
##
   6525
          21.2
                 23.3
                                    21.0
                                           15.5
                                                  10.1
                                                         1.0
                                                                3.4
                                                                       4.7
                                                                             6.0
                                                                                  13.6
                                                                6.0
   6526
          17.3
                 24.1
                       25.4
                              26.3
                                    22.4
                                           15.0
                                                         0.4
                                                                       1.9
                                                                                  15.7
##
                                                   8.8
                                                                             8.1
##
  6527
          18.1
                 23.3
                       25.7
                              25.6
                                    18.4
                                           12.4
                                                   8.2
                                                         5.0
                                                                2.8
                                                                     -1.7
                                                                            12.1
                                                                                   12.1
## 6528
          20.9
                 24.2
                       24.8
                              28.6
                                    23.1
                                           17.4
                                                   7.8
                                                         3.8
                                                                0.0
                                                                       1.8
                                                                             7.3
                                                                                   12.8
##
   6529
          17.3
                 24.7
                       25.4
                              24.4
                                    22.0
                                           14.5
                                                   6.5
                                                         1.9
                                                               -1.8
                                                                       3.6
                                                                             9.7
                                                                                   13.8
                 25.0
##
   6530
          19.0
                       23.0
                              23.8
                                    21.1
                                           12.0
                                                   9.9
                                                         1.7
                                                               -2.3
                                                                      -1.1
                                                                             8.5
                                                                                   16.2
                                                                                  15.7
   6531
          20.2
                 26.1
                       27.0
                              27.4
                                    22.3
                                           15.6
                                                   8.2
                                                        -0.9
##
                                                               -1.9
                                                                       3.4
                                                                             8.6
   6532
          18.5
                 24.2
                       28.1
                              25.6
                                    19.7
                                           13.9
                                                  10.2
                                                         4.9
                                                                3.1
                                                                      4.8
                                                                            15.2
                                                                                   15.1
##
                                                                1.9
   6533
          22.3
                 24.5
                       29.2
                              24.8
                                    20.2
                                           13.2
                                                         5.9
                                                                      2.3
                                                                             4.2
                                                                                  13.2
##
                                                   6.8
##
   6534
          19.2
                23.7
                       24.5
                              24.9
                                    22.1
                                           14.8
                                                   6.0
                                                         1.7
                                                               -2.2
                                                                     -1.2
                                                                             5.5
                                                                                   14.5
##
  6535
          20.2
                 24.9
                       23.5
                              25.6
                                    20.5
                                           14.9
                                                   4.3
                                                         4.2
                                                                0.6
                                                                     -2.6
                                                                             7.2
                                                                                   15.2
   6536
          20.1
                 24.4
                       26.0
                              23.7
                                     22.3
                                           15.4
                                                  10.7
                                                         8.7
                                                                1.4
                                                                       4.4
                                                                            11.0
                                                                                   14.3
##
  6537
          17.5
                 25.5
                       25.6
                              25.9
                                    22.9
                                           17.8
                                                  10.5
                                                                4.7
                                                                       8.3
                                                                             9.5
                                                                                  17.0
##
                                                         2.1
   6538
                 24.2
                       26.2
                              23.4
          19.8
                                    21.2
                                           15.5
                                                   8.4
                                                         1.8
                                                               -1.4
                                                                       5.2
                                                                             6.4
                                                                                  10.4
   6539
          23.1
                 25.6
                       25.7
                              25.2
                                    22.9
                                           14.8
                                                   4.7
                                                         4.6
                                                                0.5
                                                                       4.4
                                                                             5.5
                                                                                  14.6
##
                              24.7
##
   6540
          20.0
                 23.0
                       25.9
                                     24.4
                                           14.5
                                                   4.6
                                                         5.1
                                                                3.4
                                                                       3.2
                                                                            10.1
                                                                                   11.9
          17.6
                       26.8
                              24.5
                                    20.9
                                                  10.5
                                                         3.6
##
   6541
                 24.1
                                           14.1
                                                                2.1
                                                                     -0.9
                                                                            11.0
                                                                                  13.9
   6542
          17.5
                 24.5
                       25.4
                              25.9
                                     21.8
                                           17.5
                                                   6.0
                                                         8.0
                                                               -1.0
                                                                       2.0
                                                                           -0.7
## 6543
          10.7
                 14.8
                       21.5
                              22.3
                                    22.8
                                           18.5
                                                  15.0
                                                         4.4
                                                                5.7
                                                                    -3.5 -14.3 -17.0
##
  6544
         -15.8
                 -7.5
                         1.9
                              11.9
                                    14.8
                                            9.0
                                                   4.5
                                                        -5.3 -23.7 -17.1 -19.0 -18.5
         -18.7
                 -7.8
                                                        -3.4 -20.2 -32.8 -34.0 -18.3
##
  6545
                         5.7
                              14.7
                                    16.8
                                           10.0
                                                   3.3
##
   6546
         -13.2
                -7.2
                         6.6
                              14.0
                                    16.1
                                            9.3
                                                   3.6
                                                        -6.6 -12.3 -14.5 -18.8 -21.3
         -17.9
                 -7.4
                                                        -6.6 -22.5 -27.2 -21.2 -23.1
##
   6547
                         4.4
                              14.0
                                    12.8
                                            8.7
                                                   2.0
   6548
          -8.3 -10.2
                         2.8
                              10.1
                                    15.6
                                           11.4
                                                   7.2
                                                        -4.6
                                                              -8.8 -24.6 -23.2 -28.4
##
##
  6549
          -9.6
                -5.0
                         6.4
                             12.2
                                    17.2
                                           13.1
                                                   5.8
                                                        -3.9 -21.7 -18.1 -27.9 -23.1
  6550
         -20.0 -3.8
                      13.4
                             14.2
                                     5.3
                                           -8.7 -10.9 -24.3
                                                                4.1 -4.7 -15.9 -26.0
## 6551
         -23.0
                  5.9 -12.3 -19.0 -19.0
                                            6.5
                                                  15.2 16.4
                                                                9.4 -9.7 -12.9 -21.9
```

```
-26.3 -31.0 -13.1
                             5.0 14.7
                                         5.4 -6.2 -21.0 -22.4 -11.8 -25.7
          13.7 16.1 12.0
                             3.7 -13.7 -20.8 -17.5
                                                     5.4 15.6 15.5
                                                                              4.9
## 6553
                                                                        9.8
## 6554
         -8.4 - 20.4 - 14.6 - 19.7 - 20.4 - 15.0
                                               7.9
                                                    15.1
                                                          16.3 11.9
                                                                        2.7
                                                                             -3.1
## 6555
        -15.6 -20.6 -17.4 -12.7
                                   9.0 16.0
                                              16.7
                                                    11.8
                                                            4.5 -14.0 -17.7
                                                                              5.7
##
  6556
         13.8 15.3 13.2
                             6.2 -22.9 -17.3 -26.5 -34.4 -11.5
                                                                 10.9
                                                                       15.3
                                                                             17.2
  6557
          14.0
                 3.6 -21.0
                             9.7 11.4
                                         7.3
                                              -6.2 16.3
                                                          18.1
                                                                10.9
                                                                             -4.0
##
                                                                        2.7
        -17.4 -16.4 -17.3 -22.5 -17.8
                                              13.5
  6558
                                         9.4
                                                    16.8
                                                          12.2
                                                                  3.9
                                                                      -7.5 - 24.6
        -21.7 -19.3 -18.7
## 6559
                           10.5
                                  13.9
                                        16.1
                                              11.6
                                                      8.3
                                                           -5.0 -22.7 -24.4 -28.7
  6560
        -23.2
                 7.1 12.6
                             1.3
                                   7.8
                                        13.3
                                              16.6
                                                    10.3
                                                            5.7
                                                                 -4.4 -15.4 -20.5
        -28.7 -27.7 -16.6
  6561
                           -4.2
                                   8.1
                                        16.5
                                              16.1
                                                     13.7
                                                            6.4
                                                                -8.5 -21.4 -27.1
  6562
        -25.5 -14.6 -12.1
                            -5.5
                                   3.4
                                        15.5
                                              13.7
                                                      9.5
                                                            3.3
                                                                 -9.1 -13.7 -17.4
        -14.9 -16.0 -17.0
## 6563
                            -4.7
                                   2.2
                                              14.0
                                                     12.3
                                                            7.1
                                                                 -7.6 -17.7 -22.2
                                        14.8
##
  6564
        -19.2 -20.1 -13.8
                           -9.8
                                   6.7
                                        12.9
                                              14.5
                                                      9.6
                                                            6.4
                                                                 -4.4
                                                                      -9.2 -16.4
        -21.4 -14.1 -16.9 -5.6
                                        15.4
                                                     11.3
## 6565
                                   4.2
                                              13.0
                                                            2.3
                                                                 -1.4 - 18.3 - 22.1
## 6566
        -25.6 -19.3 -18.8
                           -1.7
                                   8.2
                                        17.6
                                              17.3
                                                     14.2
                                                                -5.2 -16.5 -22.0
                                                            0.9
  6567
         -25.2 -19.9 -11.5
                            -5.8
                                  10.0
                                        16.2
                                              15.2
                                                      6.0
                                                          -5.4 -22.6 -15.3 -30.9
        -14.9 -19.3
                       8.3
                           14.0
                                  10.7
                                         8.4
                                              -2.4 -21.8 -18.4 -19.5 -23.5
##
  6568
                                                                              0.7
  6569
           9.2 15.9
                     18.0
                            14.2
                                   6.7
                                        -7.2 -10.2 -20.9 -22.5
                                                                  7.0 14.5
         10.5
                 5.1 -16.5 -23.6
                                         7.8
                                              14.3
                                                    17.4
                                                            5.8 -3.7 -20.2 -28.0
## 6570
                                  -5.6
## 6571
        -18.7 - 1.6
                     10.0
                           15.6
                                  14.5
                                        13.4
                                               5.2
                                                     -4.6 -14.1 -29.6 -22.9 -23.2
        -15.6 -7.4
## 6572
                       8.1
                           14.2 14.5
                                        11.3
                                               7.0
                                                    -3.6 -22.9 -18.7 -37.5 -17.0
## 6573
        -20.6 -2.0
                       6.2
                           15.9
                                  14.5
                                        11.2
                                                    -7.4 -22.9 -26.4 -19.8 -20.9
                                               5.0
        -17.0 -11.3
                       2.4
                           16.2
                                  15.0
                                        11.4
                                               3.9
                                                    -0.4 -18.9 -23.3 -15.7 -20.9
## 6574
        -12.9
               -4.4
                       6.4
                           12.2
                                        12.4
                                                    -5.7 -14.1 -15.5 -23.4 -16.5
## 6575
                                  13.3
                                               4.7
        -13.5
               -0.9
                                                    -3.1 -13.0 -21.9 -14.3 -13.4
## 6576
                      12.1 14.8
                                  16.2
                                        10.9
                                               2.8
  6577
        -10.8
               -0.3
                       9.7
                            14.4
                                  16.2
                                        13.3
                                               4.9
                                                    -4.9 -16.8 -21.5 -23.5 -19.3
## 6578
        -21.5
               -2.0
                           16.3
                                  18.4
                                        11.0
                                               7.2
                                                    -3.4 -17.1 -10.9 -22.7 -18.6
                       9.1
##
  6579
        -12.2
               -3.7
                       7.5
                            14.0
                                  16.7
                                        10.8
                                               6.3
                                                    -1.3 -12.3 -17.6 -22.5 -15.0
               -2.9
## 6580
         -7.6
                       8.2 16.4
                                 17.6
                                        11.2
                                                    -4.1 -14.4 -24.9 -29.4 -26.2
                                               6.2
## 6581
        -17.5
               -3.7
                       9.4
                           15.2
                                  14.4
                                        14.1
                                               6.2
                                                    -5.4 -17.0 -16.5 -18.6 -27.8
## 6582
        -18.2
               -6.4
                       7.4
                            14.5
                                  15.2
                                        10.8
                                               4.8
                                                    -2.5 -20.3 -21.6 -24.3
                                                                             26.0
##
  6583
           8.1
                -5.4
                       9.1
                           17.6
                                  24.9
                                        24.3
                                              12.6
                                                    -5.0
                                                          -2.4
                                                                 14.5
                                                                       24.3
                                                                             22.4
##
  6584
           9.3
               -2.2
                       8.1
                            15.4
                                   5.4
                                        -6.5
                                              -5.1
                                                     23.7
                                                           23.6
                                                                 -8.3
                                                                       -3.8
                      17.1
                            23.7
                                  27.3
                                        22.8
                                               8.6
                                                     20.7
                                                           23.2
                                                                 22.8
## 6585
          10.8 11.5
                                                                       19.9
                                                                              8.9
  6586
           9.4
               16.8
                      10.6
                            -3.7
                                  -4.8
                                        13.8
                                              21.2
                                                     21.3
                                                           20.1
                                                                 11.8
                                                                        4.1
                                                                             -3.2
                                                                       22.7
  6587
               22.3
                      -4.1
                             9.8
                                  14.2
                                        22.4
                                              25.0
                                                     17.9
                                                           -5.4
##
           1.1
                                                                 17.7
                                                                             22.8
## 6588
          18.1
               -8.6
                       9.5
                            23.6
                                  21.5
                                        20.5
                                               1.1
                                                     -3.5
                                                           -1.7
                                                                  7.7
                                                                       13.5
## 6589
          24.0
               23.0
                      16.6
                             7.9
                                   4.6
                                        -1.5
                                              -2.0
                                                    -9.4
                                                            8.6
                                                                 14.9
                                                                       23.3
                                                                             23.8
## 6590
          23.7
                18.9
                      10.9
                             4.8
                                  -0.2
                                        -4.2
                                              15.9
                                                     19.5
                                                           22.3
                                                                 25.4
                                                                       26.4
                                                                             27.0
## 6591
          27.5
               26.1
                      24.6
                            18.6
                                 19.6
                                        15.1
                                              29.3
                                                    29.0
                                                           30.3
                                                                 24.0
                                                                       19.9
                                                                             14.8
                            16.7
                                  14.3
                                        24.2
                                              28.6
                                                     28.9
## 6592
          17.4
               25.1
                      28.7
                                                           29.5
                                                                 26.9
                                                                       24.5
               27.8
                            28.6
## 6593
          14.0
                      29.0
                                 27.1
                                        24.5
                                              12.8
                                                    16.8
                                                           22.8
                                                                 25.8
                                                                       29.9
                                                                             28.7
##
  6594
          24.4
               20.4
                      23.6
                            29.2
                                  29.1
                                        26.8
                                              20.3
                                                     11.3
                                                           26.7
                                                                 26.7
                                                                       16.3
                                                                             21.7
          30.8
                                        29.5
##
  6595
               17.6
                     15.9
                            23.7
                                  27.6
                                              26.6
                                                     23.1
                                                           20.6
                                                                 14.7
                                                                       14.6
                                                                              1.1
## 6596
          -4.1
                 1.6
                      14.1
                            23.2
                                   8.3
                                         5.1
                                              20.2
                                                     21.4
                                                           21.6
                                                                 14.1
                                                                        3.3
                                                                             12.1
                                        -9.9
## 6597
          21.7
                20.5
                      17.5
                            10.4
                                              -3.1
                                                      7.0
                                                          13.8
                                                                 20.0
                                   3.1
                                                                       16.6
                                                                             15.4
## 6598
          20.0
               23.2
                     16.7
                            11.8
                                   2.7
                                        -7.2
                                              -4.1
                                                      7.1
                                                           22.8
                                                                 16.0
                                                                       11.2
                                                                              5.9
## 6599
          -2.0
                            22.2
                                  26.0
                                        21.4
               -0.7
                       8.4
                                              16.2
                                                     10.0
                                                            4.0
                                                                 -3.7
                                                                        6.8
                                                                             14.5
## 6600
          21.7
               21.2
                     10.9
                             2.8
                                  -9.1
                                         6.9
                                              14.0
                                                     19.1
                                                           19.7
                                                                 20.8
                                                                       14.2
                                                                              8.7
                       7.3
## 6601
           0.4
               -5.5
                            13.8
                                  20.6
                                        19.4
                                              11.7
                                                      4.9
                                                           -6.5
                                                                 -3.1
                                                                        6.6
                                                                             13.8
## 6602
          20.6
               22.2
                      21.7
                            19.6
                                         6.0
                                               1.4
                                                           12.8
                                                                 20.5
                                                                       21.8
                                                                             18.4
                                  11.3
                                                    11.9
## 6603
          17.0
               13.2
                       3.6
                           -4.4
                                  -3.0
                                         3.9
                                              19.6
                                                    22.5
                                                          18.5
                                                                 10.2
                                                                        0.8
                                                                             -3.2
## 6604
          21.4 19.9
                       1.4 - 0.5
                                  -1.8
                                         7.0
                                              13.3
                                                    21.2
                                                          23.1
                                                                 22.5
                                                                       15.4
                                                                              9.3
## 6605
           8.1 -1.6 -4.3 -9.4
                                   9.1
                                        13.9 22.0 21.6 22.1
                                                                18.2
                                                                       13.2
                                                                              2.6
```

```
7.2 16.6
## 6606
            0.3
                -8.8
                         2.7
                                            25.6
                                                   25.2
                                                           8.8
                                                                 6.0
                                                                        0.8
                                                                              9.7
                                                                                    20.9
##
           26.2
                 27.0
                        25.8
                               23.3
                                     15.8
                                            10.2
                                                    6.7
                                                          3.5
                                                                 6.8
                                                                       10.8
                                                                             15.9
                                                                                    22.3
   6607
                                            10.7
##
   6608
           25.9
                 28.1
                        26.0
                               21.1
                                     16.9
                                                    6.3
                                                           7.1
                                                                 7.8
                                                                        9.3
                                                                             15.3
                                                                                    21.0
##
  6609
           25.4
                 24.9
                        24.6
                               21.5
                                     19.2
                                             8.3
                                                    3.0
                                                           4.3
                                                                10.2
                                                                       14.6
                                                                             21.3
                                                                                    24.4
##
   6610
           27.4
                 28.0
                        22.1
                               17.1
                                      7.2
                                             5.2
                                                    7.9
                                                          8.6
                                                                 9.5
                                                                       14.5
                                                                             20.6
                                                                                    28.0
  6611
           28.2
                 27.9
                        22.7
                               13.3
                                      9.4
                                             4.5
                                                    5.6
                                                          6.8
                                                                12.9
                                                                       13.9
                                                                             21.1
                                                                                    29.4
##
           26.8
                 26.1
                        23.8
                                      9.2
                                             4.4
                                                           9.8
                                                                 9.7
                                                                       19.3
   6612
                              18.1
                                                    3.9
                                                                             18.5
                                             4.8
                                                                       22.1
## 6613
           30.2
                 26.0
                        18.1
                               10.5
                                      5.6
                                                    5.6
                                                         11.1
                                                                18.9
                                                                             23.4
                                                                                    28.6
##
   6614
           26.9
                 24.6
                        16.6
                                9.2
                                      4.2
                                             2.8
                                                    6.7
                                                         11.1
                                                                15.2
                                                                       23.2
                                                                             24.9
                                                                                    28.1
           28.9
                 23.9
                                      7.0
                                             3.5
                                                                             25.2
##
  6615
                        19.3
                                8.7
                                                    9.4
                                                           9.4
                                                                15.4
                                                                       21.3
                                                                                    28.8
   6616
           26.7
                 21.5
                        15.1
                                9.5
                                      7.8
                                             3.1
                                                    3.0
                                                           6.8
                                                                15.8
                                                                       21.1
                                                                             25.2
                                                                                    27.1
  6617
           26.6
                 23.4
                        16.3
                               11.2
                                      3.2
                                             2.3
                                                    5.8
                                                         10.4
                                                                16.0
                                                                       22.6
                                                                             24.8
                                                                                    25.9
##
##
   6618
           27.1
                 23.6
                         6.9
                                6.9
                                      4.0
                                             2.8
                                                    4.8
                                                         17.8
                                                                19.7
                                                                       25.1
                                                                             26.8
                                                                                    27.1
   6619
           24.4
                 17.9
                        11.0
                                3.7
                                             7.2
                                                   12.2
                                                                       23.6
##
                                       1.5
                                                         15.1
                                                                19.8
                                                                             26.2
                                                                                    25.0
  6620
           22.2
                 17.0
                         9.7
                                4.4
                                      0.8
                                             8.0
                                                    8.7
                                                         15.3
                                                                24.3
                                                                       24.8
                                                                             27.7
                                                                                    27.3
##
##
   6621
           22.0
                 18.4
                        10.0
                                5.2
                                     -0.6
                                             3.2
                                                   12.9
                                                         18.3
                                                                21.6
                                                                       26.6
                                                                              27.7
                                                                                    27.9
   6622
           23.4
                 21.0
                        11.4
                                1.0
                                      4.3
                                             4.7
                                                    9.5
                                                         17.8
                                                                21.7
                                                                       25.7
                                                                              28.6
                                                                                    26.6
##
##
   6623
           22.2
                 14.6
                        11.8
                                4.3
                                     25.0
                                            21.7
                                                   15.5
                                                         10.2
                                                                 3.6
                                                                        0.7
                                                                               5.1
                                                                                     7.8
           12.9
                 17.5
                              26.1
                                            25.6
  6624
                        21.2
                                     29.3
                                                   25.0
                                                         17.2
                                                                 8.9
                                                                               4.4
##
                                                                        5.0
                                                                                     8.3
##
   6625
           11.1
                 16.7
                        23.4
                               25.6
                                     27.2
                                            28.6
                                                   22.7
                                                         15.6
                                                                11.1
                                                                        6.1
                                                                               1.9
                                                                                     5.6
                 16.3
                        21.5
##
   6626
           10.9
                               26.6
                                     28.6
                                            29.0
                                                   24.5
                                                         15.6
                                                                10.7
                                                                        5.8
                                                                               5.9
                                                                                     2.3
   6627
           11.7
                 17.1
                        20.7
                               24.4
                                     26.4
                                            26.8
                                                   21.3
                                                         17.7
                                                                11.4
                                                                        0.6
                                                                               7.3
                                                                                     9.0
  6628
           12.6
                 15.8
                        19.8
                               27.1
                                     27.7
                                            27.8
                                                   25.1
                                                         16.0
                                                                12.8
                                                                        3.9
                                                                               2.4
##
                                                                                     8.7
   6629
           12.7
                 17.5
                        23.0
                               26.1
                                     27.8
                                            26.7
                                                   22.6
                                                         17.6
                                                                 8.3
                                                                        7.4
                                                                                    10.1
##
                                                                               5.2
           12.1
                 16.6
                        19.7
                               24.2
                                     27.1
                                            24.4
                                                   21.9
                                                                 8.9
##
  6630
                                                         17.3
                                                                        5.7
                                                                               4.1
                                                                                     4.7
   6631
            9.8
                 14.3
                        20.0
                               25.4
                                     30.4
                                            28.6
                                                   22.6
                                                         15.2
                                                                 8.1
                                                                        6.5
                                                                               2.8
                                                                                     6.1
##
   6632
           12.5
                 17.6
                        20.4
                               27.7
                                     26.9
                                            25.6
                                                   22.1
                                                         17.5
                                                                12.4
                                                                        6.7
                                                                               4.6
                                                                                     7.3
   6633
                 15.4
                        20.1
                                     27.7
                                            29.2
                                                                 9.2
##
           12.2
                               24.1
                                                   21.4
                                                         16.6
                                                                        4.5
                                                                               2.7
                                                                                     7.1
                               25.3
                                                                 7.9
##
   6634
            7.7
                 15.4
                        22.7
                                     26.6
                                            26.1
                                                   21.3
                                                         16.7
                                                                        6.7
                                                                               3.4
                                                                                     7.8
##
   6635
           12.7
                 13.9
                        19.6
                               24.2
                                     28.2
                                            26.1
                                                   23.9
                                                         17.0
                                                                 9.0
                                                                        4.7
                                                                               7.1
                                                                                     8.1
##
   6636
            9.8
                 15.6
                        23.1
                               26.7
                                     30.2
                                            29.1
                                                   26.9
                                                         18.4
                                                                12.3
                                                                        6.2
                                                                               5.7
                                                                                    10.3
##
   6637
           10.3
                 17.1
                        20.4
                               25.1
                                     28.1
                                            29.4
                                                   22.5
                                                         17.4
                                                                14.1
                                                                        7.1
                                                                               5.8
                                                                                    10.1
                        22.1
                               23.7
##
   6638
           12.9
                 15.6
                                     27.6
                                            30.6
                                                   24.6
                                                         18.8
                                                                 7.4
                                                                       -0.2
                                                                               2.6
                                                                                     7.1
   6639
           9.4
                 19.3
                        21.4
                               25.4
                                     29.9
                                            29.0
                                                   22.4
                                                         16.0
                                                                13.4
                                                                                     5.5
##
                                                                        6.9
                                                                               5.1
                        20.2
##
   6640
            9.4
                 17.9
                               25.6
                                     28.0
                                            27.8
                                                   24.6
                                                         15.9
                                                                 9.2
                                                                        6.3
                                                                               3.0
                                                                                     4.3
##
   6641
           11.3
                 17.2
                        21.6
                               23.5
                                     28.1
                                            28.5
                                                   21.9
                                                         18.4
                                                                12.2
                                                                        6.5
                                                                               4.9
                                                                                     5.4
##
   6642
           13.8
                 17.1
                        22.1
                               24.6
                                     26.1
                                            25.1
                                                   24.0
                                                         19.5
                                                                12.2
                                                                        5.7
                                                                               6.5
                                                                                     9.3
##
  6643
           10.8
                 16.7
                        20.6
                               26.1
                                     27.8
                                            29.2
                                                   26.2
                                                         17.8
                                                                12.1
                                                                        4.6
                                                                               8.6
                                                                                     6.2
   6644
           12.8
                 19.7
                        22.1
                               25.2
                                     29.0
                                            29.5
                                                   21.8
                                                         16.1
                                                                12.5
                                                                        8.5
                                                                               4.2
                                                                                     5.6
##
                        21.8
##
   6645
           15.9
                 14.4
                               25.4
                                     26.8
                                            29.4
                                                   24.4
                                                         18.5
                                                                11.8
                                                                        5.8
                                                                               4.0
                                                                                     6.6
   6646
                 15.7
                        21.1
                               25.7
                                     28.5
                                            26.9
                                                   22.6
                                                                                     8.6
           11.8
                                                         16.8
                                                                10.1
                                                                        4.9
                                                                               4.0
                              27.0
##
   6647
           12.3
                 15.5
                        20.3
                                     27.4
                                            26.0
                                                   22.5
                                                         14.7
                                                                13.2
                                                                        3.3
                                                                               2.7
                                                                                     3.3
   6648
                        22.4
                                            30.8
                                                   24.4
##
           10.8
                 18.0
                               28.7
                                     29.1
                                                         17.6
                                                                12.2
                                                                        5.1
                                                                               3.1
                                                                                     6.2
   6649
           13.5
                        20.6
                               29.4
                                     32.9
                                            31.2
                                                   22.7
                                                         18.2
##
                 18.1
                                                                12.5
                                                                        7.1
                                                                               7.7
                                                                                     8.7
   6650
                        24.3
                               28.1
##
           17.5
                 19.7
                                     31.1
                                            28.8
                                                   24.6
                                                         16.7
                                                                11.7
                                                                        7.9
                                                                               6.3
                                                                                     7.0
                        20.5
                                     27.7
                                            27.9
                                                   25.9
                                                         17.4
                                                                 9.9
                                                                               2.9
   6651
            9.8
                 16.0
                               26.6
                                                                        4.0
                                                                                     4.4
##
                        21.2
##
   6652
           10.1
                 16.5
                               26.3
                                     25.7
                                            27.6
                                                   23.6
                                                         18.7
                                                                 8.1
                                                                        6.4
                                                                               3.9
                                                                                     2.6
   6653
           10.9
                 17.5
                        20.6
                               26.7
                                     29.0
                                            26.4
                                                   24.4
                                                                12.3
                                                                        9.2
                                                                               4.2
                                                                                     8.9
##
                                                         18.2
           13.8
##
   6654
                 17.7
                        20.1
                               27.5
                                     28.5
                                            27.4
                                                   24.8
                                                         20.5
                                                                13.8
                                                                        5.7
                                                                               6.8
                                                                                    11.9
                        21.1
                               25.5
                                            26.0
##
   6655
           14.1
                 18.4
                                     28.2
                                                   24.2
                                                         17.6
                                                                12.7
                                                                        6.2
                                                                               2.8
                                                                                     7.4
   6656
           12.7
                 13.6
                        24.7
                               27.9
                                     28.6
                                            26.7
                                                   24.6
                                                         17.2
                                                                 7.6
                                                                               4.4
                                                                                     7.8
##
                                                                        6.9
                        21.9
                               25.5
##
   6657
           10.2
                 17.4
                                     27.6
                                            28.3
                                                   27.6
                                                         16.6
                                                                 9.3
                                                                        7.7
                                                                               6.8
                                                                                     7.4
                                            26.5
##
  6658
           14.7
                 15.4
                        20.2
                               26.6
                                     28.8
                                                   23.1
                                                         16.4
                                                                12.7
                                                                        6.1
                                                                               5.5
                                                                                     2.1
                                            28.7
                                                   25.8
## 6659
           13.8 15.2 19.9
                              26.1
                                     27.6
                                                         19.2
                                                                10.9
                                                                       12.0
                                                                               3.5
                                                                                     1.5
```

```
## 6660
            1.6 11.6
                      15.6
                              22.9
                                     24.0
                                            23.5
                                                   21.7
                                                         15.8
                                                                 9.2
                                                                        2.6
                                                                              2.7
                                                                                     9.0
           13.5
                 17.6
                        19.5
                               23.3
                                     22.5
                                            16.8
                                                   12.2
                                                          7.3
                                                                 3.1
                                                                        3.2
                                                                              5.3
##
   6661
                                                                                    11.1
           19.5
##
   6662
                 22.9
                        24.2
                               17.3
                                     13.7
                                             9.2
                                                    2.4
                                                         -1.5
                                                                 6.7
                                                                        9.9
                                                                             15.8
                                                                                    21.7
                                            -0.5
                                                   -7.9
                                                                             22.0
   6663
           22.7
                 21.7
                        17.7
                                9.9
                                      2.8
                                                           1.4
                                                                10.6
                                                                       21.0
                                                                                    25.5
##
##
   6664
           23.8
                 22.2
                        13.1
                                9.2
                                      0.5
                                            -5.6
                                                   -5.6
                                                          4.6
                                                                16.4
                                                                       22.8
                                                                             24.0
                                                                                    22.8
   6665
           21.2
                 11.9
                         8.8
                                3.0
                                     -4.6
                                            -2.5
                                                    8.6
                                                         17.3
                                                                21.6
                                                                       23.0
                                                                             23.0
                                                                                    19.2
##
                         3.3
                                             5.2
                                                   18.3
                                                                25.9
                                                                       25.3
   6666
           12.8
                  7.3
                                0.6
                                     -1.8
                                                         21.8
                                                                             21.3
            6.5
                        -2.4
                                2.6
                                                   23.2
##
  6667
                  2.3
                                      5.7
                                            15.9
                                                         24.0
                                                                22.7
                                                                      18.6
                                                                             13.0
                                                                                     7.6
##
   6668
            0.5
                 -2.0
                         1.6
                                8.4
                                     21.0
                                            20.4
                                                   24.7
                                                         22.5
                                                                18.6
                                                                      14.3
                                                                              9.0
                                                                                     6.8
            0.9
                  2.7
                         7.5
                                     22.6
                                                                -2.0
                                                                      -2.4
                                                                                     4.2
##
   6669
                               16.1
                                            26.5
                                                   14.9
                                                          7.9
                                                                              5.1
##
   6670
           16.4
                 24.2
                        22.8
                               23.5
                                     19.0
                                            17.2
                                                    5.5
                                                         -4.2
                                                                -0.6
                                                                        9.1
                                                                             18.3
                                                                                    21.1
                        19.7
   6671
           23.6
                 22.4
                               15.6
                                     11.3
                                            -1.2
                                                    0.7
                                                           3.7
                                                                 8.2
                                                                      14.1
                                                                             18.6
                                                                                    23.3
##
##
   6672
           25.9
                 22.8
                        21.7
                               14.4
                                      7.2
                                             2.2
                                                    0.0
                                                           3.3
                                                                 8.3
                                                                      12.2
                                                                             21.2
                                                                                    23.8
           25.0
                 25.3
                        21.0
                                     10.0
                                             3.9
                                                                       12.3
##
   6673
                               11.1
                                                   -1.3
                                                           0.8
                                                                 7.1
                                                                             17.9
                                                                                    23.5
   6674
           26.2
                 25.5
                        19.9
                                9.8
                                      7.8
                                             2.5
                                                    4.7
                                                           0.6
                                                                 8.5
                                                                      12.3
                                                                             15.9
                                                                                    22.0
##
##
   6675
           24.7
                 23.4
                        19.8
                               13.9
                                      7.2
                                            -5.0
                                                    5.3
                                                           6.2
                                                                 9.4
                                                                      11.8
                                                                             16.4
                                                                                    22.3
           24.1
                 23.2
                        20.3
                               13.6
                                      9.9
                                             4.7
                                                                 8.6
                                                                      14.5
                                                                             21.4
                                                                                    23.5
##
   6676
                                                    1.1
                                                           3.9
##
   6677
           25.3
                 24.3
                        20.4
                               14.8
                                      6.3
                                             4.5
                                                    1.8
                                                           5.2
                                                                 7.4
                                                                      13.4
                                                                             16.7
                                                                                    20.8
   6678
           24.2
                 21.6
                        19.4
                               13.2
                                      7.7
                                             2.8
                                                    3.0
                                                                             18.3
                                                                                    22.3
##
                                                           0.6
                                                                 5.6
                                                                      11.5
##
   6679
           26.7
                 24.7
                        18.9
                               12.8
                                      7.0
                                             1.7
                                                   -3.8
                                                           2.7
                                                                 6.4
                                                                      14.5
                                                                             15.7
                                                                                    23.9
                               14.3
##
   6680
           24.9
                 23.2
                        19.0
                                     10.3
                                             5.1
                                                    1.1
                                                          0.8
                                                                 8.4
                                                                      13.1
                                                                             17.4
                                                                                    22.7
   6681
           25.2
                 26.4
                        19.2
                               13.8
                                      4.3
                                             0.6
                                                   -0.6
                                                           2.2
                                                                 3.8
                                                                      10.4
                                                                             18.6
                                                                                    22.2
##
   6682
           22.7
                 23.1
                        18.9
                               13.6
                                      4.2
                                                   -0.4
                                                           4.6
                                                                 7.8
                                                                        9.4
                                                                             14.3
                                                                                    20.6
##
                                             4.1
   6683
           24.4
                 22.5
                        19.1
                               13.3
                                      5.2
                                             1.9
                                                    4.8
                                                           4.9
                                                                 7.5
                                                                      12.0
                                                                             19.3
                                                                                    22.6
##
                 24.5
                        23.3
                               14.2
                                      8.4
                                             4.0
                                                                                    23.0
##
   6684
           23.6
                                                    2.2
                                                           4.2
                                                                 4.4
                                                                      13.4
                                                                             18.4
   6685
           26.4
                 24.2
                        20.4
                               13.7
                                     10.1
                                             2.8
                                                   -0.1
                                                           5.9
                                                                 9.0
                                                                      11.8
                                                                             19.4
                                                                                    22.9
##
   6686
           23.2
                 23.1
                        19.0
                               15.1
                                      6.3
                                            -3.8
                                                   -0.4
                                                           4.3
                                                                 4.7
                                                                      15.3
                                                                             19.1
                                                                                    21.7
   6687
                        18.9
                               13.7
                                                    3.2
                                                                      14.3
                                                                             16.2
##
           24.0
                 24.4
                                     11.0
                                             4.8
                                                           3.1
                                                                 6.9
                                                                                    23.7
                        22.2
                               13.2
   6688
           26.1
                 25.6
                                      5.8
                                             1.9
                                                   -3.3
                                                         -0.1
                                                                 8.7
                                                                      13.6
                                                                             17.4
                                                                                    20.5
##
##
   6689
           24.0
                 24.2
                        18.3
                               13.4
                                      9.6
                                             1.9
                                                   -1.1
                                                           2.2
                                                                 8.7
                                                                      12.7
                                                                             20.4
                                                                                    21.8
##
   6690
           22.9
                 21.4
                        20.1
                               15.0
                                      9.4
                                             2.2
                                                    3.0
                                                           4.2
                                                                 4.8
                                                                      13.4
                                                                             16.3
                                                                                    23.8
##
   6691
           25.4
                 25.8
                        22.0
                               14.4
                                      8.2
                                             0.2
                                                    5.5
                                                           1.8
                                                                 6.8
                                                                      14.9
                                                                             16.9
                                                                                    21.4
                 25.2
                                             5.3
##
   6692
           24.8
                        18.0
                               11.8
                                      8.6
                                                    2.6
                                                         -2.6
                                                                11.2
                                                                      11.5
                                                                             19.8
                                                                                    23.4
                                                                             16.2
   6693
           23.7
                 27.0
                        22.3
                               17.0
                                      7.4
                                             4.4
                                                   -0.4
                                                                 6.7
                                                                       12.4
                                                                                    23.2
##
                                                           1.9
   6694
           24.2
                 23.6
                        21.9
                               14.0
                                      6.0
                                             2.1
                                                   -2.1
                                                           3.1
                                                                 8.8
                                                                      13.0
                                                                             18.0
                                                                                    23.0
##
                                      8.9
   6695
           22.2
                 22.8
                        20.3
                               11.7
                                             1.8
                                                   -2.0
                                                         -1.7
                                                                 7.9
                                                                      15.2
                                                                             19.4
                                                                                    24.8
##
##
   6696
           25.6
                 25.6
                        21.5
                               14.8
                                      8.3
                                            -2.4
                                                   -1.9
                                                           3.6
                                                                 8.1
                                                                      14.6
                                                                             17.7
                                                                                    23.0
##
   6697
           26.3
                 24.0
                        18.8
                               12.6
                                      9.9
                                             4.9
                                                    3.0
                                                           4.5
                                                                13.5
                                                                      13.3
                                                                             20.4
                                                                                    22.4
   6698
           26.9
                 23.5
                        19.2
                               12.4
                                      6.0
                                             5.5
                                                    2.1
                                                           1.8
                                                                 4.2
                                                                      13.3
                                                                             19.0
                                                                                    23.2
##
   6699
           23.6
                 23.8
                        20.9
                               14.3
                                      6.3
                                             3.4
                                                   -2.8
                                                          0.2
                                                                 5.4
                                                                      14.7
                                                                             19.2
                                                                                    23.8
##
   6700
           23.0
                 24.4
                        20.8
                               14.7
                                      4.2
                                             3.7
                                                   -0.4
                                                         -3.8
                                                                 6.6
                                                                             20.0
                                                                                    22.9
                                                                      13.7
                 22.6
## 6701
           23.9
                        21.3
                               14.3
                                     10.4
                                             9.2
                                                   -0.2
                                                          3.6
                                                                11.0
                                                                      13.9
                                                                             17.1
                                                                                    23.9
                        22.6
                                                    4.9
##
   6702
           25.2
                 25.3
                               17.5
                                     10.0
                                             2.8
                                                          8.1
                                                                 8.6
                                                                      16.8
                                                                             18.5
                                                                                    22.6
           25.0
                 22.8
                        20.1
                              15.3
                                                   -0.7
                                                                 5.9
                                                                      10.4
##
  6703
                                      8.3
                                             1.8
                                                          7.2
                                                                             22.4
                                                                                    24.1
                 24.2
                        22.4
                                             4.9
## 6704
           24.8
                               15.0
                                      5.5
                                                    1.1
                                                           5.9
                                                                 6.1
                                                                       15.1
                                                                             20.6
                                                                                    22.5
                        25.3
                                                           2.7
## 6705
           26.0
                 25.4
                               16.3
                                      5.9
                                             6.6
                                                    5.3
                                                                 9.8
                                                                      10.5
                                                                             16.4
                                                                                    22.2
## 6706
           25.6
                 23.4
                        19.3
                               13.5
                                      9.1
                                             2.0
                                                    1.1
                                                         -0.7
                                                                 9.2
                                                                      11.4
                                                                             16.2
                                                                                    22.6
## 6707
                 24.2
                        20.1
                               16.0
                                      5.7
                                             8.0
                                                   -1.5
                                                           4.5
                                                                       23.0
                                                                             26.0
                                                                                    24.4
           23.7
                                                                17.8
##
  6708
           18.7
                 11.7
                         7.7
                                0.7
                                     -4.5
                                            11.0
                                                   20.8
                                                         24.0
                                                                22.3
                                                                        7.3
                                                                              0.3
                                                                                    -2.0
                        23.6
## 6709
           10.9
                 15.6
                               22.2
                                     12.6
                                             5.0
                                                    0.7
                                                         21.6
                                                                10.4
                                                                       -6.1
                                                                              -3.5
                                                                                    15.4
## 6710
           18.2
                  6.5
                        -0.1
                               12.7
                                     23.2
                                            27.3
                                                    0.7
                                                         13.4
                                                                21.0
                                                                       23.2
                                                                             23.5
                                                                                    18.5
                        -0.9
## 6711
           11.5
                  5.4
                               -0.5
                                     11.0
                                            23.2
                                                   20.6
                                                         13.0
                                                                 4.4
                                                                       -6.1
                                                                             18.6
                                                                                    23.3
## 6712
           23.3
                  2.4
                        -2.7
                               -6.0
                                     13.1
                                            19.2
                                                   22.8
                                                         23.7
                                                                23.0
                                                                      21.5
                                                                              8.8
                                                                                     1.4
                        24.7
                              24.8
                                            22.0
## 6713
           12.2 17.4
                                     24.7
                                                   16.1
                                                          9.0
                                                                 0.5
                                                                        5.9
                                                                             14.3
                                                                                    17.0
```

```
7.7 22.5 24.3
## 6714
         25.0 21.4 20.3 14.5
                                6.1
                                      1.1
                                                              23.7 21.5
## 6715
         -3.7
              -0.7
                    12.0 17.9 22.2
                                      25.2
                                            12.0
                                                   2.7
                                                         0.3
                                                             -0.1
                                                                   10.4
                                                                         16.3
                                            -1.2
                                                                   24.1
## 6716
         23.8 22.8
                    18.8 11.8
                                 8.6
                                       1.1
                                                  -5.0
                                                       12.3
                                                             16.6
                                                                         23.8
                                                  17.5
                                                       18.5
                                                              22.2
## 6717
         24.4 21.3 15.7
                            5.1
                                 5.1
                                      -4.4
                                            10.0
                                                                   21.4
                                                                         18.2
## 6718
         10.3
                3.6
                    -3.4 - 10.6
                                -2.9
                                       0.8
                                             9.1
                                                  15.2
                                                       19.3
                                                              23.5
                                                                   19.6
                                                                         14.9
                                                       17.9
## 6719
          8.4
                4.8 -4.5 -9.0
                                -3.3
                                       4.6
                                             6.9
                                                  14.9
                                                              20.7
                                                                   20.8
                                                                         14.8
## 6720
         10.4
                0.4 - 12.8 - 6.3
                                -9.9
                                      -1.9
                                             8.7
                                                  14.2
                                                       18.8
                                                                    21.6
                                                              21.9
## 6721
         -2.6 -3.8 -2.8 -4.1
                                 6.1
                                      10.7
                                            19.4
                                                  23.0
                                                             16.5
                                                                    4.9
                                                       19.8
                                                                         -0.4
         -4.5 -12.0 -11.8 -2.1
## 6722
                                 6.0
                                      12.5
                                            17.9
                                                  20.5
                                                        21.7
                                                              15.5
                                                                    8.3
                                                                          0.3
## 6723
         -4.0 -12.5 -4.9
                            0.0
                                 7.2
                                                              17.8
                                                                    8.8
                                                                          2.5
                                      12.0
                                            17.0
                                                  19.8
                                                       17.2
                                      21.7
## 6724
         -6.6 -10.0 -4.4
                          -3.1
                                12.2
                                            22.2
                                                   1.1
                                                        -7.7
                                                              -0.1
                                                                   19.0 19.7
## 6725
          2.2 -11.4 15.3
                          20.0
                                20.2
                                      16.2
                                             0.1
                                                  -9.9
                                                        18.2
                                                             19.8
                                                                    0.5 - 10.5
         13.3 17.8 16.7
## 6726
                          16.2
                                 4.5
                                      -5.5
                                            18.1
                                                  21.8
                                                         1.0
                                                              -7.1
                                                                   18.4
                                                                         20.3
## 6727
                2.6
                    -3.4
                          20.5
                                      -7.8
                                            13.8
                                                  20.5
                                                        16.0
                                                             -0.7 -13.7
          9.6
                                 1.4
                                                                          3.4
## 6728
         13.6 19.4 19.4
                          14.3
                                 6.8
                                      -3.8 -13.5
                                                   7.7
                                                        21.2
                                                            19.3
                                                                   18.1
                                                                          9.2
## 6729
          4.2
              -8.0
                    -4.6
                            6.8
                                15.0
                                      21.2
                                            19.8
                                                  16.8
                                                        10.0
                                                              3.9
                                                                   -7.5
                                                                         -2.8
## 6730
              11.9
                    17.7
                          10.0
                                -0.3
                                      -8.4
                                            -8.8
                                                   1.0
                                                        17.4
                                                              19.6
                                                                   21.7
                                                                         20.5
          8.1
## 6731
         15.8
              -2.9
                     -3.9
                          17.7 21.8
                                      18.4
                                           -2.2
                                                  -5.3
                                                        -5.6
                                                              -7.3
                                                                    4.0
                                                                         12.0
## 6732
         19.3 21.1 20.4
                           3.1 - 4.2
                                      -6.4 - 11.3
                                                   8.8
                                                       14.3
                                                              22.3
                                                                   22.5
                                                                         22.0
## 6733
         17.3 13.0
                     2.0 -3.6 -11.2
                                       7.0
                                           11.2
                                                  13.3
                                                       18.9
                                                              22.1
                                                                    26.6
                                                                         26.8
                                     10.1
## 6734
         27.6 26.2 19.0 12.3 12.5
                                             8.4
                                                  17.3
                                                        21.5
                                                              22.9
                                                                   27.0
                                                                         27.6
## 6735
         27.9 25.6
                    21.1 17.8 16.2
                                       9.5
                                            12.1
                                                  17.5
                                                       18.9
                                                              23.4
                                                                   27.2
                     20.3 15.7 13.6 15.1
                                           15.0 17.6 21.8
## 6736
         28.0 24.9
                                                              21.8
                                                                   26.2
                                                                         28.0
## 6737
         25.8 23.7
                     22.0 16.4
                                11.8
                                       8.2
                                            17.2
                                                  16.2 18.9
                                                              25.1
                                                                    26.6
                                                                         28.3
         27.8 26.8 22.4 13.0 12.8 11.3
                                           17.2 15.7
                                                       19.8 25.8
                                                                   25.9
                                                                         26.4
## 6738
                                            14.3
## 6739
         28.6 28.8 23.2 14.3 13.0 13.5
                                                  20.2
                                                       21.2
                                                              22.8
                                                                   27.6
## 6740
         28.6 24.6 21.5 17.2
                                10.1
                                      11.2
                                            10.2 17.2
                                                       17.3
                                                              21.5
                                                                    25.3
                                                                         25.8
## 6741
         26.0 24.2 20.6 13.6
                                16.7
                                       8.5
                                            15.8
                                                         7.6 - 27.0
                                                  11.1
                                                                    2.0
                                                                         17.3
## 6742
          5.4 -5.7 -22.9 -20.7
                                                                   15.0
                                14.2
                                       9.6
                                             4.9 -13.3 -25.1
                                                             -0.5
                                                                         17.1
         -0.9 -16.1 -23.6 -14.0
## 6743
                                 2.8 - 3.0
                                            -9.7
                                                 15.3
                                                       -1.7
                                                               1.0
                                                                   16.4
                                                                         15.8
## 6744
        -26.7 -19.1 14.4
                           5.5
                                1.8 - 22.3
                                            -0.5
                                                   9.9
                                                       15.6
                                                              12.9
                                                                    5.3
                                                                         -4.3
## 6745
        -20.8
                2.0 11.6
                           4.9 -12.8 -12.5
                                             1.9 -12.4 -16.9
                                                              -1.2
                                                                    9.2
                                                                          7.6
         -0.2 -9.5 -16.7 -15.3
                                 2.4 22.1
                                                              -7.3 -15.3
## 6746
                                            17.4
                                                  9.4
                                                         4.1
                                                                         -7.2
## 6747
          0.4 15.5 17.8 24.2 22.5
                                      16.1
                                             9.1 -0.7
                                                        -3.2
                                                              -3.6
                                                                   -1.4
                                                                          1.4
## 6748
         12.9 19.3 24.7 26.1
                                17.0
                                       9.5
                                             1.3 - 15.9
                                                        -6.9
                                                              -0.4
                                                                   -1.6
                                                                         13.7
## 6749
         19.5 23.3 23.4 13.6
                                 9.5
                                       1.7
                                            -7.5 -10.1
                                                        -6.8
                                                               2.6 17.0
                                                                         17.8
## 6750
         22.7 19.4 14.4
                            8.2 - 7.1 - 12.5
                                            -7.2 -9.7
                                                         2.9
                                                               7.4 14.0
                                                                         20.6
## 6751
         23.1 19.4 15.0
                            9.4
                                -2.2
                                      -2.8 -3.9
                                                   0.6
                                                         2.2
                                                              12.2 18.1
                                                                         21.7
## 6752
         24.3 20.4
                    16.8
                            6.7
                                 2.8
                                      -4.4 - 12.9
                                                 -9.5
                                                         1.7
                                                               7.9 17.5
                                                                         24.1
         24.8 23.0
                                      -5.7 -4.8 -13.5
## 6753
                    16.2
                            7.4
                                 0.7
                                                        -3.0
                                                               8.6 13.6
                                                                         18.7
## 6754
         24.6 22.9
                    16.5
                            9.4
                                -0.7 -11.7 -2.1
                                                 -4.3
                                                         3.0
                                                               7.4 13.8
                                                                         20.3
## 6755
         21.9 22.6 19.2
                            8.6
                                 2.4
                                      -9.8 -10.7
                                                  -1.3
                                                         2.1
                                                               9.4 16.1 23.0
         23.1 23.4
                    16.4
                            8.0 -2.8
                                      -3.2
                                            -3.1
                                                  -1.2
                                                         2.9
                                                               7.0 15.2
## 6756
                                                                         18.5
         18.4
              18.7
                    15.4
                            8.5
                               -0.6
                                      -8.0 -9.7
                                                 -9.9
                                                        -0.4
## 6757
                                                               7.1 13.9
                                                                         17.8
## 6758
              21.3 13.4
                            7.6
                               -1.3
                                      -6.4 -15.4 -11.9
                                                         2.3
                                                               7.8 16.4
                                                                         20.3
         21.1
## 6759
                    17.6
                          10.5
                                 2.1
                                      -6.6 -8.9
                                                 -5.0
                                                               4.7 12.7
                                                                         20.5
         20.6
              20.1
                                                         0.2
                                -2.0
                                      -5.6 -12.9
                            7.7
## 6760
         22.8 23.4
                    15.6
                                                  -6.1
                                                        -3.9
                                                               6.2
                                                                   12.6
                                                                         20.3
## 6761
         20.9 22.1
                    16.0
                            8.7
                                -5.1 -12.2 -12.8
                                                 -7.4
                                                        -1.2
                                                               5.3 12.5
                                                                         21.1
## 6762
         22.9 21.7
                    17.8
                          10.6
                               -1.6 -1.9
                                            -7.6
                                                  0.1
                                                        -2.4
                                                               9.3 16.7
                                                                         18.4
                                 2.3
                                      -3.6
                                            -9.6
                                                         2.7
## 6763
         23.7 23.2 19.6
                          10.6
                                                   0.0
                                                               8.6 14.6
                                                                         19.7
                                                  -0.7
## 6764
         24.2
              22.4
                    14.9
                            8.9
                                      -2.8
                                            -7.0
                                                         4.7
                                                               8.1 15.6
                                                                         19.1
                                 5.7
         23.3 22.9 17.4 11.3 -4.7 -13.7
## 6765
                                            -8.0 -13.4
                                                        -4.6
                                                               8.1 15.6
                                                                        20.1
## 6766
         24.8 23.0 17.2
                            9.5
                                 5.7
                                      -5.4 -4.4 -0.9
                                                        -5.4
                                                               8.1 12.2 22.3
         26.4 21.9 18.0
                                 0.7 -3.0 -7.6 -8.5
## 6767
                            4.3
                                                         0.1
                                                               8.8 13.3 18.9
```

```
## 6768
          23.7 23.8 16.1 10.8 -1.9 -3.2 -9.9 -5.9
                                                             3.6
                                                                    8.9
                                                                        14.1
                                                                               17.6
## 6769
          21.7
                19.2
                      18.3
                              9.8
                                    3.0
                                         -3.4
                                               -9.6
                                                      -2.7
                                                             1.6
                                                                    9.7
                                                                         13.6
                                                                               21.4
          24.6
               22.3
                                               -0.5
## 6770
                      19.9
                            10.1
                                    1.8
                                         -8.2
                                                      -5.0
                                                             1.4
                                                                   10.7
                                                                         14.7
                                                                               20.8
          25.6
                22.8
                              7.1
                                         -2.7
                                               -8.5 -11.0
## 6771
                      14.1
                                    0.7
                                                             3.5
                                                                    6.6
                                                                         16.9
                                                                               21.1
## 6772
          24.6
                21.8
                      17.3
                             10.7
                                    1.2
                                         -8.6 -10.0
                                                      -7.9
                                                             -0.6
                                                                    6.3
                                                                         12.8
                                                                               18.5
## 6773
          23.1
               22.4
                      16.7
                              8.8
                                    0.8 -10.4 -11.0
                                                     -6.1
                                                             -0.6
                                                                    6.8
                                                                        14.4
                                                                               18.2
                19.9
                      17.8
                              5.2
                                    4.7 -10.2 -11.4 -10.3
                                                             2.9
                                                                   11.4
## 6774
          20.3
                                                                         14.0
                      15.7
                            10.9
                                    0.8 -8.6 -12.7
                                                      -9.7
                                                            -3.1
## 6775
          23.7
                24.1
                                                                    7.1
                                                                         13.7
                                                                               19.7
## 6776
          25.9
                22.2
                      15.4
                             11.3
                                    1.5
                                         -2.7
                                                -4.4
                                                      -3.4
                                                             9.0
                                                                   10.7
                                                                         16.2
                                                                               22.3
          26.8
               21.5
                      16.8
                              7.8
                                    1.0 -6.6
                                               -8.5
                                                      -6.7
                                                            -3.9
                                                                               19.5
## 6777
                                                                    3.1
                                                                         14.3
                       20.2
## 6778
          22.4
                22.9
                              8.1
                                   -0.3 -12.0
                                                -9.6 -10.3
                                                             -1.5
                                                                    7.2
                                                                         14.4
                                                                               19.4
## 6779
                      17.0
                                                             2.6
                                                                         20.8
          21.0
                21.2
                              9.7
                                   -4.1
                                         -5.0
                                               -6.8
                                                      -9.1
                                                                   10.3
                                                                               23.2
## 6780
          21.0 19.3
                      10.8
                              3.4
                                   -4.1
                                         -8.1
                                                -1.9
                                                       4.3
                                                             8.4
                                                                   15.2
                                                                         22.4
                                                                               23.5
## 6781
          22.5
                      10.8
                              5.0
                                   -8.1
                                         -8.0
                                               -1.1
                                                             8.5
                                                                   14.6
               17.6
                                                       1.1
                                                                         21.0
                                                                               24.5
## 6782
          19.6
               17.6
                        9.4
                              0.8
                                   -5.8
                                         -8.8 -11.2
                                                      -0.4
                                                             2.6
                                                                  18.5
                                                                         22.0
                                                                               23.2
## 6783
          22.0
                17.6
                        6.5
                             -2.2
                                   -4.4 -10.2 -14.9
                                                      -4.0
                                                             7.0
                                                                   12.3
                                                                         20.6
                                                                               23.4
## 6784
          20.8 18.7
                        5.7
                              0.1
                                   -5.7
                                         -8.1
                                               -6.8
                                                       2.6
                                                             6.8
                                                                  13.5
                                                                         22.6
                                                                               23.8
## 6785
          22.6
                16.4
                        5.7
                              3.6
                                   -3.3
                                         -3.5 - 10.6
                                                       4.7
                                                             7.8
                                                                   14.1
                                                                         23.1
                                                                               24.0
          23.4
## 6786
               18.9
                      11.5
                              3.3
                                   -4.2
                                         -9.2
                                                 1.5
                                                       4.8
                                                            15.3
                                                                   21.4
                                                                         26.2
                                                                               22.9
                                         23.5
## 6787
          20.4
               10.8
                        2.8
                              3.6
                                   17.4
                                                26.0
                                                      23.1
                                                             15.1
                                                                    9.1
                                                                         -6.5
                                                                                8.6
                            12.5
                                                                   16.0
## 6788
          16.9
               25.3
                      25.2
                                   -3.7
                                         -0.2
                                                22.6
                                                      17.4
                                                             1.7
                                                                         17.0
                                                                                6.2
## 6789
          -2.2 22.3
                      24.5
                             18.7
                                   12.4
                                         -1.9
                                                13.4
                                                      21.5
                                                            16.6
                                                                   11.5
                                                                          0.4
                                                                               -0.7
                                         -0.5
## 6790
          12.3 17.5
                      25.1
                             27.3
                                   18.9
                                                15.3
                                                      23.5
                                                            23.9
                                                                   20.4
                                                                         -5.4
                                                                               15.2
          23.1
                18.1
                      24.2
                             22.7
                                   20.6
                                         12.5
                                                 3.1
                                                      10.0
                                                            24.5
                                                                   22.1
## 6791
                                                                         18.2
                                                                                6.0
                                         18.7
                                                      23.8
           2.8 10.3 22.5
                             25.6
                                   21.4
                                                            21.2
                                                                   18.9
                                                                               22.2
## 6792
                                                -3.9
                                                                         12.1
## 6793
          20.8
                -0.6
                      -0.4
                              8.5
                                   14.5
                                         24.2
                                                24.4
                                                      24.2
                                                            17.7
                                                                    8.5
                                                                          5.7
                                                                                0.4
          -1.3
## 6794
                -6.8
                       8.9
                             14.8
                                   23.4
                                         24.9
                                                24.3
                                                      20.2
                                                            11.2
                                                                    6.3
                                                                          1.2
                                                                               -2.3
## 6795
           5.7
                      23.6
                             27.4
                                   27.5
                                         27.3
                                                24.6
                                                             5.4
                                                                   22.4
                18.6
                                                      12.6
                                                                         23.5
                                                                               13.3
                25.4
                        8.9
                             25.2
                                  23.4
                                                            25.9
                                                                   26.5
## 6796
          10.1
                                         12.0
                                                18.4
                                                      22.8
                                                                         23.4
                                                                               18.8
## 6797
          10.5
                 6.2
                      22.4
                             27.0
                                   24.0
                                         18.0
                                                15.4
                                                      21.9
                                                            26.7
                                                                   26.2
                                                                         16.3
                                                                               23.2
## 6798
          26.2
                17.7
                      21.1
                             26.2
                                   20.3
                                         15.7
                                                 8.1
                                                      11.7
                                                            16.2
                                                                   16.1
                                                                         16.9
                                                                               23.9
##
  6799
          26.5
                28.8
                      28.8
                             26.9
                                   23.5
                                         16.7
                                                15.5
                                                      19.6
                                                            25.2
                                                                   26.8
                                                                         27.4
                                                                               28.1
                23.1
## 6800
          26.4
                      18.1
                             17.2
                                   15.5
                                         24.2
                                                27.7
                                                      28.7
                                                            26.8
                                                                   25.1
                                                                         19.3
                                                                               15.8
          18.3
## 6801
                21.3
                      25.4
                             26.9
                                   27.0
                                         26.6
                                                17.3
                                                      15.0
                                                            15.7
                                                                   21.7
                                                                         25.2
                                                                               27.7
## 6802
          27.6
                27.8
                      26.4
                             24.7
                                   11.8
                                         11.9
                                                21.4
                                                      25.6
                                                            27.9
                                                                   28.2
                                                                         26.7
                                                                               23.4
##
  6803
          19.0
               14.0
                      17.3
                            23.5
                                   24.9
                                         26.7
                                                27.3
                                                      27.2
                                                            22.6
                                                                   20.1
                                                                         15.7
                                                                               22.7
                            26.2
## 6804
          25.6
               25.9
                      27.9
                                   23.2
                                         18.0
                                                18.1
                                                      18.4
                                                            22.2
                                                                   23.2
                                                                         26.3
                                                                               21.0
##
  6805
          13.8
                22.2
                      24.8
                             26.3
                                   27.1
                                         27.9
                                                26.1
                                                      23.3
                                                            17.3
                                                                   16.2
                                                                         14.8
                                                                               24.2
   6806
          25.4
                27.4
                      27.4
                             26.5
                                   23.7
                                         22.8
                                                14.3
                                                      15.8
                                                            22.0
                                                                   25.8
                                                                         27.7
                                                                               29.1
##
                                                23.1
                                                            26.2
##
  6807
          28.0
                26.8
                      23.7
                             18.4
                                   17.7
                                         18.0
                                                      24.8
                                                                   27.7
                                                                         27.9
                                                                               23.9
  6808
          20.3
                13.5
                      21.8
                             27.3
                                   27.6
                                         27.8
                                                23.8
                                                      20.3
                                                            15.3
                                                                   23.1
                                                                         26.2
          28.0
## 6809
                27.7
                      27.0
                            17.3
                                   18.4
                                         23.4
                                                24.8
                                                      27.8
                                                            28.0
                                                                   27.9
                                                                         26.8
                                                                               26.3
                      15.9
                             -4.9
                                          4.4
                                                            19.6
## 6810
          22.4
                15.1
                                    0.0
                                                10.6
                                                      15.4
                                                                   21.1
                                                                         22.2
                                                                               17.1
          10.8
                      -0.1
                            -1.7
                                          7.5
                                                      17.3
                                                            22.3
## 6811
                 8.2
                                   -1.7
                                                12.1
                                                                   24.7
                                                                         22.9
                                                                               19.2
                      -1.7
                            -4.2
                                    0.0
                                          4.2
## 6812
          11.7
                 5.7
                                                11.5
                                                      17.9
                                                            21.1
                                                                   25.0
                                                                         22.3
          12.1
                              0.8
                                                10.7
## 6813
                 8.2
                        3.6
                                    1.9
                                          9.9
                                                      19.0
                                                            20.8
                                                                   24.3
                                                                         23.0
                                                                               18.5
## 6814
          12.6
                 4.3
                        3.2
                              0.2
                                   -0.8
                                          3.3
                                                10.6
                                                      16.0
                                                            21.2
                                                                   25.0
                                                                         21.4
                                                                               17.4
## 6815
          13.1
                      -0.1
                            -5.2
                                   -3.8
                                          1.0
                                                            21.5
                                                                   23.2
                                                                         21.5
                                                                               18.1
                 4.7
                                                 9.8
                                                      16.0
## 6816
          13.2
                 4.0
                        2.8
                            -3.0
                                   -6.7
                                         11.1
                                                19.5
                                                      21.3
                                                            23.9
                                                                   22.9
                                                                         20.9
                                                                               11.9
                       -1.2
                              1.2
                                                            25.1
## 6817
           9.3
                 7.7
                                    8.1
                                         10.9
                                                15.3
                                                      22.1
                                                                   24.2
                                                                         21.0
                                                                               13.3
## 6818
           7.0
                        1.2
                              3.5
                                   13.9
                                         15.8
                                                21.9
                                                      24.1
                                                            20.9
                                                                   18.7
                                                                         15.8
                                                                                5.5
                 1.6
## 6819
           0.0
                 3.4
                        8.7
                            19.1
                                   22.0
                                         25.0
                                                24.6
                                                      20.9
                                                            13.5
                                                                    4.8
                                                                          3.1
                                                                               -0.9
## 6820
           1.3
                 4.1 12.6
                            18.1
                                   21.4
                                         24.7
                                                22.7
                                                      20.5
                                                            14.5
                                                                    4.7
                                                                          1.2
                                                                                2.1
                                         25.5 23.5
## 6821
           3.7
                 8.3
                       8.9
                            14.9
                                  21.4
                                                     18.2
                                                           12.4
                                                                    8.3
                                                                          1.5
                                                                               -0.3
```

```
## 6822
         -1.1
                 5.8 11.2 15.6 22.0 23.4 23.6 19.4 15.2
                                                                 4.8
                                                                       4.4
## 6823
         -7.4
               -6.7
                       2.5
                           12.7
                                 18.2
                                       20.0 21.8 12.9
                                                          8.9 -6.2 -11.1
                                                                            -9.4
                                                         -1.1 -5.4 -10.3
## 6824
         -5.0
                 5.2
                      9.3
                           18.0
                                 22.7
                                       17.2 11.5
                                                     8.6
                           23.6
                                               7.3 -0.2 -7.6 -12.7
                                                                     -6.6
## 6825
          1.4 12.0
                     17.8
                                 18.4
                                       13.0
## 6826
         13.5
               17.9
                     20.5
                           20.3
                                 14.5
                                        3.6
                                             -4.4 -11.6 -19.3
                                                                -4.1
                                                                       0.0
## 6827
         18.9
              22.2 16.0 12.6
                                  8.4 -3.0 -14.2 -19.2 -14.1
                                                               -3.5
                                                                     14.8
                                                                            17.5
                     15.6
                             7.2 -6.8 -14.0 -20.3 -18.8 -6.4
                                                                 8.9
  6828
         20.0
              19.7
                                                                      17.9
                                                               21.3
                           -3.8
                                 -4.8 -11.6 -6.4 16.1 18.0
## 6829
          18.5 15.0
                      6.7
                                                                     17.0
                                                                            13.2
                                 -6.5
  6830
          5.4
                 0.3
                     -9.6
                           -8.8
                                        1.0
                                              13.2
                                                   17.2
                                                          22.2
                                                                21.2
                                                                      14.7
                                                                             6.0
          2.2 -10.0 -21.6 -12.0
                                 -5.3
                                       12.0
                                              16.3
                                                                           -4.4
##
  6831
                                                    20.8
                                                         19.1
                                                                13.8
                                                                       6.4
  6832
         -7.0
               -7.3
                    -6.0 -3.2 10.0
                                       17.5
                                              22.2
                                                    23.4
                                                         12.5
                                                                 7.1
                                                                     -0.7 - 18.1
## 6833
         -9.5
               -2.7
                     -4.6 12.0
                                 17.7
                                       22.4
                                              22.9
                                                    11.2
                                                           5.0
                                                               -2.3 -12.0 -11.9
##
  6834
         -9.7
                 0.7
                     15.4
                           14.1
                                 21.5
                                       17.3
                                              10.2
                                                     6.2 -10.4 -12.1
                                                                      -6.0 - 10.4
  6835
          2.5
               13.5
                     18.6
                           20.1
                                       11.6
                                                   -5.4 -5.0
                                                               -5.7
##
                                 19.0
                                               7.3
                                                                      -2.8 -1.6
  6836
          15.8
               20.7
                     20.3
                           17.5
                                 14.8
                                         6.1
                                               1.8
                                                   -4.4 - 12.7
                                                                -9.5 -1.5
                                                                            15.9
##
##
  6837
         24.2
               22.5
                     20.9
                           13.4
                                  6.9
                                       -2.0
                                              -8.2
                                                    -9.8 -15.5
                                                               -6.1
                                                                      14.0
                                                                            17.3
  6838
         22.7
               20.3
                     14.4
                             6.3
                                 -2.2 -13.6
                                              -5.3
                                                    -7.2
                                                           0.1
                                                                12.2
                                                                            20.1
##
                                                                      19.3
##
  6839
         21.5 16.4
                      6.5
                           -2.2 -13.3 -13.6
                                              -3.5
                                                   -1.6
                                                         13.4
                                                                18.5
                                                                      21.1
         13.3
## 6840
                3.5
                     -5.6 -5.5 -4.8
                                       -3.6
                                               0.5
                                                   16.6
                                                         17.0
                                                                18.0
                                                                      13.1
                                                                             7.2
## 6841
          -2.3 -12.8 -12.7
                           -1.1 13.1
                                       15.0
                                              16.8
                                                   18.1
                                                          11.6
                                                                 5.9
                                                                      -3.8
                                                                            -7.6
## 6842
        -19.4 -16.8
                      1.0 15.1 17.9
                                       19.6
                                              18.9
                                                   16.2
                                                           8.5
                                                                -0.6
                                                                      -7.7 - 12.1
## 6843
         -8.7
               -4.3
                     11.5
                           20.1
                                 13.8
                                        5.9
                                              -4.8 -12.4
                                                          -9.9
                                                                -7.2
                                                                      11.1
                                                   14.6
                                                                            -4.0
          5.5 20.9
                     17.1
                           14.6 12.8 17.5
                                              20.2
                                                         14.7
                                                                 6.0
                                                                       2.8
## 6844
                                                                            -8.2
              18.6
                     22.3
                           -1.0 -10.7
                                       12.8
                                              21.3
                                                    22.7
                                                         14.2
                                                                 8.8
                                                                      -7.2
## 6845
          -8.8
         -0.7
                9.8 15.2 19.9 16.2
                                       14.9
                                                     1.5 -13.8
                                                               -6.4
## 6846
                                               7.0
                                                                      -1.7
                                                                            11.1
  6847
         18.1 21.0
                      0.2
                           -2.0
                                 -8.5
                                       13.6
                                              23.1
                                                   20.9 14.1
                                                                 4.0
                                                                      -2.0
## 6848
         13.2 18.9 23.8
                          14.7
                                  8.1
                                       -0.8 -10.5 -11.1
                                                           5.8
                                                               11.7
                                                                      16.0
                                                                            13.5
  6849
               -1.4 -13.9 -11.6
                                       18.6
                                              18.9
                                                    18.1 -10.5 -11.5
##
          7.5
                                 16.7
                                                                       7.8
                                                                            11.9
  6850
                     21.0
                                                          22.3
                                                                21.5
                                                                      15.8
##
         18.3 21.7
                             8.8
                                 -2.5
                                         4.8
                                              11.7
                                                    17.7
                                                                             9.4
##
  6851
         -0.2
               -5.2
                      7.8
                           13.0
                                 18.8
                                       23.7
                                              20.7
                                                    15.4
                                                           4.8
                                                               -3.0
                                                                      -7.9
                                                                            -1.2
##
  6852
          12.1
               19.7
                     20.4
                           16.5
                                   5.3 - 11.8 - 14.7
                                                    12.5
                                                          16.8
                                                                19.8
                                                                      19.6
                                                                             8.2
##
  6853
         -6.4
               -8.2
                      7.0
                           12.0
                                 18.7
                                       21.4
                                              20.6
                                                     8.7
                                                           0.3
                                                                -1.8
                                                                      16.7
                                                                            20.7
         22.4 22.2
                                        -9.8
                                              -5.5
##
  6854
                     15.1
                             7.7
                                   4.7
                                                     7.0
                                                          14.1
                                                                19.1
                                                                      24.0
                                                                            20.0
         15.6
  6855
                8.0 -10.2 -13.3
                                   1.8
                                       17.3
                                              20.4
                                                    22.0
                                                          21.4
                                                                12.5
                                                                       4.8
                                                                            -4.0
##
                      6.7
  6856
         -11.3 -19.0
                           11.7
                                  18.9
                                       21.8
                                              14.6
                                                    -2.0
                                                          -9.5
                                                                -5.3
                                                                      12.6
                                                                            19.6
  6857
         22.0 21.2 14.7
                             4.5
                                  0.8
                                       -3.1
                                              -4.6 - 13.7
                                                           6.4
                                                                13.2
                                                                      21.9
                                                                            24.6
##
  6858
         21.1
               18.0
                     10.1
                             1.9
                                 -9.3 -11.0
                                               2.5
                                                    14.7
                                                          18.7
                                                                13.6
                                                                       4.4
                                                                            -1.4
## 6859
          5.3
               -1.2
                     -4.9
                           -1.2
                                 16.4
                                       20.1
                                               5.2
                                                     4.8
                                                          12.7
                                                                18.1
                                                                       2.3
                                                                            -7.7
  6860
          4.0
               10.8
                     15.3
                            18.4
                                 19.7
                                        14.2
                                              -0.3
                                                    -6.9
                                                          -5.9
                                                                 4.4
                                                                      10.2
                                                                            17.4
##
                             5.6
                                       -4.3
                                              -9.5
                                                          28.6
                                                                            33.7
## 6861
         20.5
               17.5
                     13.7
                                  1.8
                                                    15.0
                                                                33.7
                                                                      36.5
         23.7
               13.4
                     23.3
                           27.7
                                 34.7
                                       35.0
                                              29.6
                                                    24.5
                                                          20.7
                                                                      15.5
## 6862
                                                                12.4
## 6863
         25.2 34.4
                     33.7
                           32.3
                                 21.1
                                       14.5
                                              21.9
                                                    29.5
                                                          28.4
                                                                35.8
                                                                      33.8
                                                                            32.2
                     25.1
                           30.9
                                 33.5
                                       24.1
                                              17.7
##
  6864
         23.2
               15.8
                                                    14.8
                                                          13.7
                                                                22.4
                                                                      24.3
                                                                            29.8
               34.8
                     31.6
                           16.4
                                       16.7
                                              23.5
                                                    28.4
                                                                33.5
##
  6865
         33.5
                                 16.1
                                                          31.7
                                                                      35.1
                                                                            32.7
                                 24.2
                                       27.7
                                              32.5
  6866
          25.8
               19.8
                     13.4
                           15.4
                                                    33.0
                                                          23.2
                                                                18.6
                                                                      17.8
                     33.2
                            32.6
                                       24.0
## 6867
          28.3
               35.0
                                  20.2
                                              24.7
                                                    33.0
                                                          32.7
                                                                35.6
                                                                      32.0
                                                                            27.4
## 6868
          17.2
               13.8
                     20.3
                            23.7
                                  35.3
                                       34.7
                                              29.3
                                                    25.9
                                                          20.0
                                                                13.1
                                                                      17.2
                                                                            25.2
## 6869
          27.3
               33.8
                     36.1
                           35.4
                                 30.0
                                       27.3
                                                          25.5
                                                                26.8
                                                                      32.6
                                                                            36.6
                                              21.5
                                                    17.0
          35.5
## 6870
               33.0
                     25.3
                           19.3
                                 14.2
                                       12.4
                                              24.9
                                                    23.9
                                                          31.6
                                                                35.0
                                                                      35.6
                                                                            30.9
## 6871
          24.9
               19.6
                     15.5
                            17.1
                                 23.1
                                       36.5
                                              33.9
                                                    28.3
                                                          20.0
                                                                15.0
                                                                      15.4
                                                                            15.4
## 6872
          6.0
               -1.7
                     13.0
                           18.8
                                  1.7
                                       16.5
                                              24.1
                                                    22.9
                                                          21.2
                                                                15.0
                                                                       7.7
                                                                            15.3
                     21.6
## 6873
          17.4
              23.8
                           18.4 22.8
                                        1.4
                                             14.3
                                                    22.1
                                                         11.2
                                                                24.4
                                                                     17.7
                                                                             0.8
## 6874
          1.5
               11.5
                     15.4
                           21.0
                                 22.7
                                       22.7
                                              18.4
                                                   14.9
                                                          5.2
                                                                 7.0
                                                                      -1.0
                                                                            21.7
          26.7 27.7 27.2 23.8 19.6 15.6 10.4 10.6 10.2 16.8
                                                                      23.1
## 6875
                                                                            26.6
```

```
## 6876
          27.8 27.8
                       24.4
                            19.5
                                   15.4
                                          13.4
                                                  9.6 11.0 14.3
                                                                    22.4
                                                                           24.4
                                                                                 27.9
## 6877
          27.5
                23.8
                       20.0
                              15.1
                                     6.8
                                           7.3
                                                 12.0
                                                       15.9
                                                              23.3
                                                                    26.0
                                                                          27.6
                                                                                 27.6
          24.5
                                                                          28.3
## 6878
                22.9
                       14.3
                              16.1
                                     6.9
                                           9.4
                                                 17.6
                                                       23.4
                                                              26.7
                                                                    27.8
                                                                                 25.0
                 18.1
                              10.9
                                                 23.5
                                                       28.5
##
  6879
          21.3
                        9.4
                                    14.1
                                          16.2
                                                              27.1
                                                                    25.7
                                                                           19.1
                                                                                 15.3
##
   6880
           9.0
                  8.5
                       11.8
                              13.7
                                    23.1
                                          26.0
                                                 26.5
                                                       28.1
                                                              24.1
                                                                    17.6
                                                                          14.1
                                                                                 11.0
   6881
           5.7
                  9.1
                       15.1
                             22.9
                                    26.0
                                          27.2
                                                 27.5
                                                       25.2
                                                             18.9
                                                                    16.8
                                                                          10.7
                                                                                 12.6
##
                14.6
                       24.9
                              25.9
                                    27.5
                                          27.6
                                                 24.2
                                                       19.6
                                                              15.8
                                                                     5.9
   6882
          10.1
                                                                          12.3
          16.2
                       28.6
                             27.8
                                    28.2
                                          25.5
                                                 18.4
                                                       15.2
                                                              10.8
## 6883
                 23.8
                                                                     8.3
                                                                          12.1
                                                                                 15.8
##
   6884
          23.5
                 25.7
                       26.8
                              26.0
                                    23.6
                                          20.6
                                                 11.6
                                                       12.1
                                                               8.7
                                                                    12.9
                                                                           15.6
                                                                                 26.0
                              11.3
                                    27.8
                                          28.0
                                                 25.2
                                                              11.9
                                                                    11.5
                                                                                 21.9
##
   6885
          27.1
                 24.1
                       19.5
                                                       18.7
                                                                           15.0
   6886
          25.8
                 25.7
                       23.7
                              19.6
                                    16.5
                                          11.7
                                                 10.2
                                                       12.3
                                                              19.3
                                                                     9.4
                                                                           25.3
                       16.7
                              23.4
  6887
          15.9
                13.1
                                    25.3
                                          27.2
                                                 28.0
                                                       24.4
                                                              19.3
                                                                    14.4
                                                                           11.1
                                                                                 10.7
##
##
   6888
          17.9
                23.2
                       25.6
                              25.4
                                    20.5
                                          15.2
                                                  9.0
                                                       23.5
                                                              26.6
                                                                    28.3
                                                                           24.8
                                                                                 19.0
   6889
          13.9
                       10.3
                             13.4
                                    18.8
                                          23.3
                                                 27.6
                                                       27.8
                                                              27.2
##
                11.1
                                                                    24.3
                                                                           19.1
                                                                                  8.4
   6890
           7.4
                  6.8
                       20.0
                              25.2
                                    27.7
                                          28.1
                                                 28.9
                                                       26.3
                                                              20.8
                                                                    14.6
                                                                            9.8
                                                                                  8.2
##
##
   6891
          11.1
                 22.0
                       23.8
                              28.7
                                    28.5
                                          30.6
                                                 24.6
                                                       18.9
                                                              15.2
                                                                    13.0
                                                                           13.1
                                                                                 20.9
   6892
          24.3
                27.1
                       26.9
                              27.5
                                    24.9
                                          18.8
                                                 14.0
                                                       12.7
                                                              11.1
                                                                    12.2
                                                                           17.8
                                                                                 21.9
##
##
   6893
          26.8
                27.1
                       27.9
                              26.4
                                    20.1
                                           6.8
                                                 18.5
                                                       22.2
                                                              21.7
                                                                    24.8
                                                                           27.5
                                                                                 25.1
          16.6
                                                                    27.3
  6894
                 9.2
                       20.0
                             27.1
                                    26.0
                                          21.5
                                                 13.7
                                                       17.1
                                                              25.6
                                                                           26.4
##
                                                                                 16.2
##
   6895
          17.1
                27.2
                       20.5
                             12.6
                                     9.5
                                          26.1
                                                 26.9
                                                       19.8
                                                              12.1
                                                                    19.5
                                                                           22.7
                                                                                 26.3
          19.5
                                   -0.5
                                                       23.5
##
   6896
                16.2
                       10.5
                             10.1
                                          16.3
                                                 21.7
                                                              17.6
                                                                    12.7
                                                                            3.7
                                                                                  6.6
   6897
          16.1
                21.9
                       24.4
                              23.6
                                    19.5
                                          11.8
                                                  6.2
                                                       -2.6
                                                              -1.3
                                                                     5.6
                                                                           23.1
                                                                                 18.1
                  8.9
                                                 22.0
  6898
          11.0
                        0.4
                             19.5
                                    20.8
                                          23.4
                                                       19.3
                                                              12.3
                                                                     2.0
                                                                            3.8
                                                                                 14.6
##
          22.6
                24.6
                       23.7
                              20.6
                                    13.8
                                           8.0
                                                  4.4
                                                        6.1
                                                              17.1
                                                                    11.2
                                                                                 10.3
##
   6899
                                                                            2.6
           6.8
                  1.2
                       12.6
                             15.3
                                    21.2
                                          18.8
                                                 11.2
                                                                    16.8
##
  6900
                                                        2.1
                                                              12.1
                                                                          21.8
                                                                                 11.8
                                                       21.9
   6901
           8.4
                -0.9
                       -0.8
                             13.7
                                    17.9
                                          23.6
                                                 24.1
                                                              14.9
                                                                     6.7
                                                                            2.6
                                                                                 13.3
##
  6902
          23.9
                19.7
                       12.2
                              9.0
                                     2.3
                                           4.3
                                                 12.4
                                                       19.9
                                                              22.9
                                                                     4.8
                                                                            2.2
                                                                                  1.2
   6903
                       24.5
                              13.6
                                           0.1
                                                 17.8
                                                              23.3
##
          16.9
                 22.2
                                    -3.4
                                                       22.6
                                                                    22.0
                                                                           19.5
                                                                                  6.0
## 6904
          -0.7
                       19.7
                                     9.5
                                            1.6
                                                              25.2
                 -3.3
                              22.7
                                                 15.8
                                                       22.3
                                                                    24.8
                                                                           21.4
                                                                                 14.4
##
  6905
           8.1
                  6.9
                       15.5
                              16.3
                                    22.6
                                          23.3
                                                 21.8
                                                       19.1
                                                              15.3
                                                                     6.6
                                                                           -0.4
                                                                                  4.7
## 6906
          10.1
                 21.7
                       23.7
                              23.7
                                    20.9
                                          14.2
                                                  4.5
                                                       -0.3
                                                               2.4
                                                                    13.8
                                                                           19.3
                                                                                 21.8
##
  6907
          24.9
                 20.7
                        5.1
                               3.0
                                     4.5
                                          10.3
                                                 15.7
                                                       22.1
                                                              25.9
                                                                    22.6
                                                                           18.5
                                                                                  9.1
                                          22.3
##
  6908
           2.2
                  0.9
                        0.6
                             12.5
                                    15.9
                                                 24.1
                                                       24.3
                                                              19.8
                                                                    15.7
                                                                            5.5
                                                                                  5.9
## 6909
                  7.9
                        9.1
                             12.0
                                    13.6
                                          17.5
                                                 22.4
                                                       23.4
                                                              23.6
                                                                    21.6
          -1.8
                                                                          18.6
                                                                                 11.5
           7.5
## 6910
                  6.1
                        9.6
                             11.1
                                    11.8
                                          19.2
                                                 21.3
                                                       22.5
                                                              21.9
                                                                    21.5
                                                                           15.4
                                                                                  9.9
## 6911
           7.2
                  7.7
                       10.2
                            11.3
                                   14.4
                                          20.1
                                                 22.9
                                                       23.4
                                                              21.3
                                                                    21.1
                                                                          18.4
                                                                                 12.2
## 6912
           6.3
                  5.6
                       10.6
                            11.1
                                    16.8
                                          15.9
                                                 22.8
                                                       23.4
                                                              23.2
                                                                    20.8
                                                                          17.6
## 6913
          10.1
                  9.6
                       11.4
                             14.6
                                    13.2
                                          19.7
                                                 21.8
                                                       23.9
                                                              23.1
                                                                    20.1
                                                                          17.5
                                                                                  9.6
## 6914
           4.9
                  7.3
                        9.6
                             12.2
                                    13.8
                                          18.1
                                                 21.5
                                                       24.4
                                                              23.6
                                                                    24.2
                                                                          17.8
                                                                                 10.9
                             11.8
## 6915
           8.2
                  8.4
                      11.4
                                   15.3
                                          18.2
                                                 20.6
                                                       24.9
                                                              21.4
                                                                    20.5
                                                                          17.6
                                                                                 12.4
## 6916
           8.4
                      11.1
                             12.6
                                    14.4
                                          20.8
                                                 26.8
                                                       26.0
                                                              23.4
                                                                    22.6
                  9.1
                                                                          17.2
                                                                    21.0
## 6917
          10.8
                  6.5
                      10.9
                             11.6
                                   13.1
                                          19.5
                                                 20.0
                                                       24.7
                                                              23.6
                                                                           16.9
                                                                                  9.8
                      11.0
                             11.8
                                    12.6
                                                 22.8
                                                              25.4
## 6918
           7.6
                  7.2
                                          19.1
                                                       23.8
                                                                    23.9
                                                                           19.6
                                                                                 11.3
          10.0
                  8.3
                             13.8
                                          23.3
                                                              25.2
                                                                    16.4
## 6919
                       10.1
                                    21.7
                                                 27.4
                                                       25.3
                                                                           12.0
                                                                                  8.3
                             18.5
                                    25.3
                                                 23.3
                                                       20.3
## 6920
           6.7
                 11.4
                       11.1
                                          26.1
                                                              17.6
                                                                    10.0
                                                                            5.9
                                                                                 10.9
                15.8
                      14.7
                                    22.9
                                          25.4
                                                 25.0
                                                                            7.9
                                                                                  7.5
## 6921
          13.4
                             19.5
                                                       19.5
                                                              18.3
                                                                    13.4
## 6922
          11.1
                13.0
                       17.1
                             22.1
                                    23.9
                                          22.8
                                                 24.8
                                                       22.9
                                                              20.3
                                                                    12.3
                                                                            9.0
                                                                                  9.0
## 6923
                       16.1
                             18.0
                                    22.4
                                          26.8
                                                 24.8
                                                              18.2
                                                                    12.3
                                                                            7.3
                                                                                  7.3
          11.8
                14.3
                                                       22.5
## 6924
           8.8
                12.8
                       17.4
                             19.5
                                    22.5
                                          25.4
                                                 22.9
                                                       20.5
                                                              16.2
                                                                    11.4
                                                                            5.7
                                                                                  7.9
                                          27.5
                                                 25.0
## 6925
           8.5
                13.6
                       17.4
                              19.4
                                    24.1
                                                       23.4
                                                              18.8
                                                                    11.2
                                                                            5.0
                                                                                  8.3
## 6926
                 11.0
                       14.5
                             17.1
                                    20.7
                                          24.3
                                                 21.3
                                                       24.9
                                                              21.1
                                                                    13.5
                                                                            8.6
          12.7
                                                                                  6.4
                             23.0
                                                              20.0
## 6927
          12.3
                13.4
                      16.8
                                   23.2
                                          25.7
                                                 26.3
                                                       23.3
                                                                    12.4
                                                                            6.8
                                                                                  7.4
                                                       23.0
## 6928
           9.7
                 14.4
                      14.7
                             18.4
                                    22.1
                                          25.3
                                                 24.5
                                                              18.6
                                                                    10.9
                                                                            7.0
                                                                                  8.4
                                          24.8 25.0
## 6929
           9.7 14.5 15.6 19.7
                                    23.9
                                                       22.5
                                                             17.5
                                                                     8.7
                                                                            6.7
                                                                                 10.9
```

```
## 6930
          11.4 11.9 14.4 17.8 21.7
                                          23.4 25.1
                                                       22.7 18.6
                                                                   15.2
                                                                                  9.1
## 6931
          12.4 13.6
                      16.1
                             19.7
                                   23.0
                                          26.1
                                                25.8
                                                       21.8
                                                             17.5
                                                                    12.7
                                                                                  9.0
                                                                          10.6
## 6932
          11.6
               14.5
                       16.9
                             22.1
                                   22.5
                                          24.6
                                                24.4
                                                       23.9
                                                             17.7
                                                                    13.7
                                                                           7.7
                                                                                  9.7
## 6933
                             15.0
                                   19.5
                                          23.8
                                                       22.4
          10.1 12.9
                       14.1
                                                24.8
                                                             16.2
                                                                    11.4
                                                                           5.8
                                                                                  7.1
##
  6934
           9.1
                10.4
                       14.0
                             17.2
                                   21.1
                                          22.3
                                                22.9
                                                       22.3
                                                              18.4
                                                                    12.7
                                                                           8.1
                                                                                  9.3
  6935
          11.0
               13.2 15.9
                             18.9
                                   23.0
                                          22.3
                                                23.3
                                                       21.9
                                                             16.6
                                                                     9.3
                                                                           8.4
                                                                                  7.7
##
               14.1
                      13.3
                             22.2
                                    23.1
                                          23.1
                                                23.6
                                                       21.7
                                                             18.9
  6936
           9.4
                                                                    13.4
                                                                           9.4
                                                                                  7.2
                      14.7
                             17.9
                                    22.2
                                          24.6
                                                23.1
                                                       22.7
## 6937
          10.4 11.5
                                                             17.1
                                                                    12.5
                                                                           9.9
                                                                                 10.5
##
   6938
          10.2 13.3
                       12.5
                             18.5
                                    22.5
                                          26.3
                                                24.0
                                                       23.1
                                                             19.2
                                                                    10.9
                                                                           9.6
                                                                                  8.4
          10.5
                      17.0
                             19.4
                                    22.4
                                          24.0
                                                                                  7.2
##
  6939
                15.5
                                                24.2
                                                       22.3
                                                             16.8
                                                                    10.7
                                                                           8.2
  6940
          11.0
                13.0
                       14.1
                             18.5
                                    20.6
                                          25.9
                                                 24.4
                                                       19.9
                                                             17.0
                                                                    12.2
                                                                           9.7
                                                                                  9.4
                       14.2
## 6941
          10.0
                 9.7
                             19.5
                                    23.7
                                          26.3
                                                22.5
                                                       20.8
                                                             15.5
                                                                    11.5
                                                                                  6.1
                                                                           8.0
##
  6942
          10.2 14.4
                       15.5
                             19.2
                                   22.3
                                          23.9
                                                23.7
                                                       19.9
                                                             15.7
                                                                    12.0
                                                                           7.7
                                                                                  7.7
## 6943
           9.3
                12.2
                       14.4
                             19.4
                                   22.8
                                          23.9
                                                24.3
                                                       21.8
                                                             17.1
                                                                    13.1
                                                                           6.7
                                                                                  8.6
## 6944
           9.6
                12.4
                       15.4
                             20.0
                                    21.4
                                          23.5
                                                23.3
                                                       23.2
                                                             15.8
                                                                           7.3
                                                                    11.5
                                                                                  8.6
## 6945
          11.2
                12.0
                       12.7
                             16.0
                                    22.2
                                          22.7
                                                 21.3
                                                       22.8
                                                             17.4
                                                                    11.3
                                                                           10.0
                                                                                  7.9
  6946
           9.0
                11.8
                       14.1
                             15.8
                                   20.4
                                          23.7
                                                22.6
                                                       23.0
                                                             18.0
                                                                    10.8
                                                                                  8.8
##
                                                                           7.6
##
   6947
          10.4
                11.6
                       15.4
                             19.9
                                   22.3
                                          23.6
                                                24.2
                                                       22.3
                                                             17.9
                                                                    13.0
                                                                           8.4
                                                                                  6.8
           9.5
  6948
                13.9
                       17.3
                             20.0
                                   23.1
                                          24.1
                                                22.9
                                                       21.1
                                                             16.0
                                                                           7.4
                                                                                  9.1
##
                                                                    11.9
##
  6949
          12.1
                14.8
                       16.6
                             20.5
                                   23.1
                                          24.6
                                                23.0
                                                       23.5
                                                             19.9
                                                                    13.5
                                                                           12.0
                                                                                  9.1
                             17.3
                                   23.9
                                                                    10.2
##
  6950
          12.9
                15.9
                       16.1
                                          24.2
                                                23.6
                                                       22.2
                                                             20.0
                                                                           8.2
                                                                                  9.5
   6951
          12.2
               13.8
                       16.7
                             19.8
                                   23.5
                                          24.0
                                                22.6
                                                       21.3
                                                             16.6
                                                                    12.3
                                                                           7.1
                                                                                  8.0
                                                                    12.4
## 6952
          11.2 13.3
                      14.8
                             19.4
                                    23.5
                                          25.6
                                                24.5
                                                       22.7
                                                             17.0
                                                                           7.8
                                                                                  9.7
   6953
           9.7
                11.7
                       14.9
                             18.4
                                    22.6
                                          25.1
                                                22.6
                                                       21.0
                                                             17.8
                                                                    11.6
##
                                                                           9.2
                                                                                 10.1
                12.1
                       16.7
           8.6
                             16.9
                                   24.1
                                          24.1
                                                24.9
                                                       21.5
                                                             17.3
                                                                                  9.0
##
  6954
                                                                    13.1
                                                                          10.1
                                    23.4
   6955
          11.4
                12.2
                      16.1
                             20.4
                                          24.0
                                                25.7
                                                       23.4
                                                             19.4
                                                                    10.9
                                                                           8.3
                                                                                  9.2
##
  6956
          11.0
                12.0
                       16.4
                             20.6
                                   23.6
                                          24.8
                                                23.9
                                                       22.7
                                                              16.6
                                                                    12.1
                                                                           7.7
                                                                                  8.4
   6957
                             -4.5
                                   12.2
                                          16.4
                                                23.5
                                                             24.9
##
          11.9
                19.4
                        1.1
                                                       24.6
                                                                    21.6
                                                                          15.1
                                                                                  7.9
                                                              3.5
##
   6958
           6.9
                -1.6
                       11.7
                             -7.9
                                   16.8
                                          -0.3
                                                11.5
                                                       16.4
                                                                    -2.3
                                                                           9.5
                                                                                 15.4
##
  6959
          23.6
                25.1
                       23.0
                             17.4
                                   -1.2
                                          -2.7
                                                 -8.8
                                                       11.2
                                                             16.0
                                                                    23.9
                                                                          24.2
                                                                                 24.1
                                    -7.5
## 6960
          20.9
                13.9
                        5.5
                              2.4
                                          24.6
                                                 24.0
                                                       25.2
                                                             26.3
                                                                    26.6
                                                                          27.2
                                                                                 26.9
##
   6961
          26.0
                24.3
                       23.6
                             24.4
                                    24.8
                                          25.5
                                                26.2
                                                       26.4
                                                             26.8
                                                                    26.9
                                                                          26.2
                                                                                 23.5
                       25.0
                                    26.5
##
   6962
          23.7
                24.7
                             26.5
                                          26.2
                                                 25.2
                                                       23.1
                                                             26.0
                                                                    27.0
                                                                          27.0
                                                                                27.7
                                                                          25.5
## 6963
          27.4
                27.5
                       23.9
                             23.5
                                    23.5
                                          24.8
                                                25.1
                                                       25.1
                                                             25.9
                                                                    25.8
                                                                                 24.4
  6964
          24.8
                25.4
                       25.9
                             26.5
                                    25.1
                                          23.8
                                                23.7
                                                       24.5
                                                             24.8
                                                                    25.6
                                                                          26.2
                                                                                 25.4
##
  6965
          23.6
                24.0
                       26.5
                             27.2
                                   27.1
                                          26.6
                                                25.8
                                                       23.8
                                                             24.9
                                                                    25.7
                                                                          26.1
                                                                                 27.3
##
                             24.6
##
   6966
          27.5
                25.9
                       23.8
                                   24.3
                                          25.7
                                                26.8
                                                       28.0
                                                             28.7
                                                                    28.1
                                                                          26.8
##
  6967
          26.1
                27.2
                       27.8
                             27.7
                                    23.9
                                          25.8
                                                27.0
                                                       23.7
                                                             26.4
                                                                    27.4
                                                                          26.8
                                                                                 27.6
   6968
          25.7
                26.7
                       24.5
                             26.0
                                    26.8
                                          25.4
                                                24.2
                                                       12.4
                                                             14.1
                                                                    20.3
                                                                          22.8
                                                                                 22.4
##
                        5.0
##
  6969
          20.5
                  2.3
                              9.6
                                   17.3
                                          23.4
                                                25.4
                                                       23.0
                                                             16.1
                                                                    15.2
                                                                           5.6
                                                                                  2.2
  6970
           4.5
                  0.6
                        2.2
                              7.5
                                   16.9
                                          20.4
                                                22.2
                                                       20.9
                                                             17.6
                                                                    14.1
                                                                           2.9
                                                                                 -3.7
## 6971
          -3.3
                -0.6
                        4.4
                             10.0
                                   17.3
                                          21.6
                                                23.4
                                                       22.2
                                                             18.0
                                                                    13.8
                                                                           2.6
                                                                                 -0.1
                                   16.3
                                                25.1
                                                       23.1
                                                             18.9
## 6972
           1.9
                  1.3
                        4.5
                             11.1
                                          23.7
                                                                     9.4
                                                                           6.4
                                                                                  1.9
           1.9
                                   18.5
                                          23.2
                                                                    14.2
## 6973
                  2.1
                        5.9
                              9.1
                                                24.3
                                                       23.1
                                                              19.1
                                                                           6.5
                                                                                  1.2
## 6974
          -0.3
                             14.2
                                          22.8
                                                23.6
                  3.9
                        3.3
                                    14.4
                                                       22.5
                                                             20.7
                                                                    13.4
                                                                           5.9
                                                                                  0.3
## 6975
          -2.0
                        5.2
                             13.8
                                   17.7
                                          21.1
                                                       25.1
                  0.2
                                                 26.1
                                                             20.7
                                                                    12.9
                                                                           4.5
                                                                                 -1.1
## 6976
          -2.4
                  2.0
                        4.2
                              9.2
                                    16.3
                                          21.7
                                                23.2
                                                       22.9
                                                              17.4
                                                                    15.3
                                                                           6.2
                                                                                  4.9
## 6977
          -3.4
                  2.5
                        4.8
                             12.3
                                   17.1
                                          22.7
                                                       22.9
                                                              19.1
                                                                     6.3
                                                                           2.7
                                                23.1
                                                                                 -2.0
## 6978
          -3.9
                  3.2
                       11.3
                             16.3
                                   19.6
                                          23.6
                                                22.6
                                                       18.9
                                                             12.4
                                                                     6.6
                                                                          -4.8
                                                                                 -3.3
                                          24.1
                                                             12.8
                                                                           2.4
## 6979
           0.4
                  3.8
                       11.4
                             19.3
                                   21.9
                                                24.6
                                                       20.9
                                                                     4.2
                                                                                  1.2
                                                                                 -4.7
## 6980
          -1.8
                -2.0
                       12.9
                             15.2
                                   20.9
                                          22.1
                                                23.8
                                                       20.1
                                                             12.8
                                                                     6.9
                                                                          -3.8
           2.7
                             13.6
## 6981
                  7.4
                        8.4
                                   19.6
                                          23.2
                                                22.8
                                                       21.7
                                                             12.9
                                                                     5.4
                                                                          -1.3
                                                                                -4.1
                                   22.3
## 6982
          -1.8
                  2.7
                        9.3
                             19.6
                                          21.8
                                                22.0
                                                       16.4
                                                             12.4
                                                                     4.9
                                                                          -3.9
                                                                                 -5.7
          -5.1
                                          23.3 21.1 17.6
## 6983
                  6.0 10.6 14.9
                                   21.6
                                                            15.5
                                                                     7.0
                                                                           5.8
                                                                                -1.1
```

```
4.2 10.2 17.2 21.3 23.6 21.8 17.2 10.6
## 6984
          -2.4
                                                                      7.3
                                                                            1.1
                                                                                 -2.1
## 6985
          -1.6
                  1.6
                       10.8
                             20.1
                                    20.8
                                          22.2
                                                 21.7
                                                       20.2
                                                              12.4
                                                                      6.3
                                                                            2.5
                                                                                 -5.4
                              13.4
                                          24.2
## 6986
          -1.4
                  5.5
                        9.7
                                    21.9
                                                 21.8
                                                       17.3
                                                              10.4
                                                                      5.8
                                                                            0.3
                                                                                  1.6
                              13.0
                                    22.1
                                          22.1
## 6987
          -3.4
                  4.7
                       11.4
                                                 20.1
                                                       15.8
                                                              11.1
                                                                      6.1
                                                                            1.3
                                                                                 -4.7
                                                                                 -2.8
##
  6988
          -3.5
                  6.3
                       11.7
                              14.7
                                    21.9
                                          23.4
                                                 22.8
                                                       18.6
                                                              12.3
                                                                      6.7
                                                                           -0.5
## 6989
          -0.3
                  1.8
                       10.8
                             16.5
                                   20.2
                                          23.4
                                                 21.8
                                                       17.7
                                                              12.2
                                                                           -2.9
                                                                                 -6.3
                                                                      4.1
## 6990
          -1.9
                       11.9
                             18.3
                                    21.0
                                          23.1
                                                 22.4
                                                       20.5
                                                              13.1
                  2.7
                                                                      8.5
                                                                            1.3
                                                                                 -4.3
          -0.7
                                    23.1
                                          21.4
                                                 20.5
                                                       19.9
## 6991
                  2.6
                        9.4
                             14.4
                                                              15.4
                                                                      4.7
                                                                            3.6
                                                                                  2.1
##
   6992
           0.9
                  2.8
                        9.3
                             16.0
                                    17.6
                                          22.2
                                                 21.2
                                                       18.1
                                                              12.4
                                                                      4.7
                                                                           -2.7
                                                                                  0.4
  6993
          -0.3
                             15.3
                                    22.6
                                          23.5
                                                              14.8
                                                                                  0.7
##
                 10.2
                       10.6
                                                 23.4
                                                       20.6
                                                                      7.3
                                                                            0.9
          -0.4
                             16.0
   6994
                  9.0
                       12.4
                                    19.6
                                          23.6
                                                 23.3
                                                       16.8
                                                              11.6
                                                                      7.0
                                                                            1.1
                                                                                  0.3
                        8.2
                                    22.4
                                                 22.5
  6995
           0.8
                  2.9
                             19.2
                                          23.9
                                                       17.0
                                                              12.6
                                                                      8.8
                                                                            0.8
                                                                                 -4.4
##
##
   6996
           3.0
                  8.0
                       10.5
                             14.8
                                    21.4
                                          22.2
                                                 20.3
                                                       16.5
                                                               8.6
                                                                      1.1
                                                                           -4.0 -11.4
   6997
          -3.1
                       12.7
                             19.3
                                    19.7
                                          24.6
                                                 22.2
                                                       20.1
                                                                                 -7.2
##
                  7.6
                                                              11.1
                                                                     7.3
                                                                           -1.4
  6998
          -8.6
                  1.4
                       10.3
                             15.3
                                    20.9
                                          22.9
                                                 22.1
                                                       10.8
                                                               6.9
                                                                     1.3
                                                                           -5.9
                                                                                 -7.2
##
##
   6999
           7.5
                 10.1
                       15.6
                              21.9
                                    22.0
                                          22.2
                                                 18.0
                                                       11.8
                                                               6.4
                                                                      1.7
                                                                           -1.5
                                                                                 -3.8
## 7000
           2.9
                  9.7
                       16.9
                             19.4
                                    24.4
                                          24.4
                                                 20.2
                                                       10.6
                                                               4.9
                                                                           -4.8
                                                                                  1.0
                                                                      0.3
## 7001
           4.6
                13.2
                       14.6
                              21.6
                                   22.2
                                          21.5
                                                 16.7
                                                       10.3
                                                               4.9
                                                                     -0.6
                                                                           -6.0
                                                                                 -1.6
## 7002
           4.7
                  6.6
                      19.2
                             18.6
                                    23.8
                                          19.9
                                                 17.3
                                                       13.1
                                                               7.8
                                                                           -1.2
                                                                     4.5
                                                                                  1.1
## 7003
           6.3
                  9.1
                       14.3
                              20.8
                                    24.8
                                          24.6
                                                 19.5
                                                       12.5
                                                               6.7
                                                                     -4.0
                                                                           -4.8
                                                                                  3.0
                                                 17.3
                                                                     4.2
## 7004
           0.2
                10.0
                       14.2
                             22.8
                                   21.8
                                          22.7
                                                       15.2
                                                               4.8
                                                                           -5.7
                                                                                 -3.3
## 7005
           6.5
                 13.5
                       17.0
                             19.4
                                    22.6
                                          21.8
                                                 18.9
                                                       14.1
                                                               9.0
                                                                    -3.3
                                                                           -1.1
                                                                                  0.4
## 7006
                12.5 17.9
                             21.1
                                    24.3
                                          21.7
                                                 20.6
                                                       13.3
                                                                     0.6
                                                                           -1.1
           5.8
                                                               5.0
                                                                                  1.7
## 7007
                11.1
                       18.8
                              22.5
                                    24.7
                                          23.3
                                                 19.3
                                                         9.4
                                                               8.7
                                                                     2.2
                                                                           -3.1
           6.7
                                                                                 -1.5
                10.2
                      16.9
                              20.9
                                    25.3
                                          24.1
                                                 18.4
                                                        8.6
                                                               6.6
                                                                    -0.2
                                                                                 -1.8
## 7008
           4.6
                                                                            2.6
## 7009
           5.6
                  9.0
                       13.9
                              20.4
                                    24.3
                                          21.7
                                                 18.4
                                                       12.3
                                                               5.6
                                                                     -6.8
                                                                            3.2
                                                                                  3.1
## 7010
           7.4
                10.4
                       15.1
                             21.3
                                    23.1
                                          22.5
                                                 19.1
                                                       12.8
                                                               7.9
                                                                      2.9
                                                                           -1.3
                                                                                  2.1
                       21.6
                             23.9
                                    25.3
                                          23.9
                                                 19.0
                                                               5.0
## 7011
           6.6
                13.4
                                                       13.3
                                                                      2.4
                                                                            0.1
                                                                                  2.7
                      15.5
                             19.6
                                          20.8
## 7012
           4.8
                11.0
                                   23.1
                                                 18.2
                                                       11.1
                                                               7.1
                                                                      1.5
                                                                            1.3
                                                                                 -2.3
## 7013
           3.7
                 10.2
                       16.8
                             21.0
                                    24.6
                                          24.3
                                                 18.3
                                                       11.7
                                                               6.4
                                                                      0.5
                                                                           -5.9
                                                                                 -1.1
## 7014
           4.0
                12.2
                       14.7
                              23.3
                                    24.0
                                          22.1
                                                 18.6
                                                       13.1
                                                               9.0
                                                                      3.8
                                                                           -1.4
                                                                                 -2.3
## 7015
           6.4
                10.4
                       16.1
                              22.7
                                    24.4
                                          25.8
                                                 17.9
                                                       13.3
                                                               3.2
                                                                    -1.8
                                                                           -2.3
                                                                                 -0.8
                  9.9
                             22.3
                                                                           -2.3
                                                                                  2.3
## 7016
           1.8
                       16.0
                                    22.6
                                          23.3
                                                 18.7
                                                        12.7
                                                               3.0
                                                                      2.8
## 7017
           5.8
                  9.0
                       13.5
                             21.2
                                    23.3
                                          21.2
                                                 18.3
                                                       12.8
                                                               4.4
                                                                      1.4
                                                                            3.0
                                                                                  4.7
## 7018
           6.3
                11.5
                       19.5
                             22.0
                                    23.7
                                          24.5
                                                 21.9
                                                       13.0
                                                               7.5
                                                                      3.2
                                                                           -0.6
                                                                                  2.6
## 7019
           2.8
                12.5
                       18.1
                             23.5
                                    26.7
                                          22.7
                                                 19.8
                                                       12.9
                                                               8.5
                                                                      1.4
                                                                           -2.8
                                                                                  3.0
## 7020
           7.6
                10.7
                       18.2
                             21.9
                                    22.4
                                          21.8
                                                 18.2
                                                       13.9
                                                               5.0
                                                                     -4.7
                                                                           -1.8
                                                                                  1.8
## 7021
           3.3
                13.7
                       17.4
                             21.7
                                    23.4
                                          24.0
                                                 17.9
                                                       13.1
                                                               9.7
                                                                     3.5
                                                                            2.0
                                                                                  2.1
## 7022
           5.1
                 12.5
                       14.7
                              23.0
                                    25.5
                                          24.5
                                                 21.5
                                                       11.9
                                                               5.1
                                                                      0.2
                                                                           -5.2
                                                                                 -2.8
                       16.0
                             19.6
                                   22.9
## 7023
           6.2
               12.4
                                          23.1
                                                 17.9
                                                       11.5
                                                               8.4
                                                                      0.9
                                                                           -4.4
                                                                                 -0.1
## 7024
                11.3
                       19.3
                             21.1
                                    23.1
                                          21.4
                                                 19.9
                                                       12.8
                                                               7.9
                                                                      0.3
                                                                           -0.8
                                                                                  1.0
           6.3
           2.8
## 7025
                12.3
                       14.5
                             23.5
                                    25.0
                                          24.7
                                                 21.1
                                                       12.9
                                                               7.3
                                                                     -1.4
                                                                            4.8
                                                                                  0.8
                13.7
                       16.2
                              20.7
                                    24.7
## 7026
           4.4
                                          24.3
                                                 17.6
                                                       11.2
                                                               7.6
                                                                     4.5
                                                                            1.3
                                                                                 -6.2
                10.3
                       19.3
                             22.8
                                    22.9
                                          25.4
                                                 21.6
                                                               7.0
                                                                      1.9
                                                                           -0.2
                                                                                 -0.6
## 7027
           8.4
                                                       16.6
## 7028
                       15.8
                              22.8
                                                                           -5.3
           4.1
                13.1
                                    24.1
                                          23.3
                                                 21.1
                                                       12.6
                                                               5.3
                                                                      0.6
                                                                                  0.8
           7.7
                       17.4
                              22.4
                                          22.5
                                                       10.9
## 7029
                11.9
                                    21.7
                                                 19.3
                                                               8.8
                                                                      0.3
                                                                           -3.3
                                                                                 -2.9
                       18.7
## 7030
           6.8
                14.5
                              23.5
                                    25.0
                                          24.6
                                                 20.2
                                                       13.5
                                                               6.5
                                                                    -3.0
                                                                           -4.1
                                                                                  0.4
## 7031
                12.7
                       17.9
                              22.6
                                    26.8
                                          23.6
                                                       12.6
                                                               9.3
                                                                                  2.8
           5.0
                                                 18.7
                                                                      3.9
                                                                            1.0
## 7032
          12.1
                11.7
                       20.9
                              22.9
                                    26.9
                                          24.1
                                                 18.8
                                                       12.3
                                                               5.6
                                                                      4.2
                                                                            0.1
                                                                                 -0.4
                             22.5
                12.2
                       18.9
## 7033
           3.0
                                    23.9
                                          23.2
                                                 19.8
                                                       13.6
                                                               5.1
                                                                      1.5
                                                                           -5.0
                                                                                 -3.3
## 7034
           3.2
                12.8
                       18.8
                             23.5
                                    22.7
                                          24.1
                                                 19.8
                                                       12.4
                                                               3.3
                                                                     2.2
                                                                           -3.4
                                                                                 -7.0
                       19.5
## 7035
           3.3
                12.0
                             21.6
                                   22.8
                                          22.2
                                                 20.7
                                                       12.9
                                                               9.2
                                                                      6.9
                                                                           -2.0
                                                                                  1.4
## 7036
           8.9 11.0
                      15.7
                             23.1
                                    24.5
                                          25.0
                                                 21.3
                                                       15.1
                                                               8.1
                                                                      0.2
                                                                            2.8
                                                                                  5.6
           6.4 15.4 17.3 22.5
                                          22.2 19.7
## 7037
                                   23.8
                                                       14.9
                                                               6.4
                                                                    -0.4
                                                                          -2.7
                                                                                  4.0
```

```
## 7038
           3.4
                 8.7
                       21.8 23.0 24.2
                                          24.0 21.8 13.6
                                                              4.0
                                                                     2.9
                                                                         -1.4
                                                                                 1.6
## 7039
           3.4
               12.8
                       18.4
                             21.7
                                   25.6
                                          23.6
                                                22.6
                                                       14.7
                                                                           2.6
                                                                                 0.9
                                                              3.8
                                                                    3.0
                             22.9
                                          23.6
## 7040
                 9.5
                       15.5
                                   26.3
                                                19.2
                                                       12.5
                                                              8.6
                                                                     1.5
                                                                           0.1
                                                                                -2.6
                             23.5
## 7041
           8.3
                11.8
                       15.9
                                   24.0
                                          24.8
                                                20.5
                                                       16.8
                                                              5.5
                                                                    5.4
                                                                          -3.2
                                                                                 4.7
## 7042
           7.5
                26.1
                       11.8
                              5.0
                                     3.4
                                          18.1
                                                16.3
                                                       14.1
                                                             11.3
                                                                    8.1
                                                                          23.5
                                                                                21.2
## 7043
          15.3
                 9.3
                        7.2
                            19.5
                                     9.8
                                          16.6
                                                26.0
                                                       25.4
                                                             21.8
                                                                   27.0
                                                                           6.9
                                                                                20.5
          24.3
                      11.6
                             19.7
                                                12.3
                                                        8.4
                                                             15.9
                                                                   18.8
## 7044
                11.6
                                     9.7
                                           6.7
                                                                          24.6
          25.7 21.4
                                                19.8
                                                       24.2
## 7045
                      13.0
                              5.2
                                     6.1
                                          16.7
                                                             26.0
                                                                   26.0
                                                                          22.3
                                                                                18.3
                        4.0 -14.9 -10.4 -10.7
##
  7046
           9.3 11.1
                                                 3.1
                                                        8.4
                                                             11.7
                                                                   17.3
                                                                          13.4
                                                                                -0.2
                            -7.4
                                   -5.2
## 7047
          -5.2 -11.7 -15.7
                                           0.6
                                                 5.6
                                                       11.1
                                                             14.0
                                                                   12.8
                                                                           7.9
                                                                                 3.3
  7048
          -0.4 -7.9 -13.9
                            -6.4
                                   -5.7
                                           3.3
                                                 8.4
                                                       15.1
                                                             15.8
                                                                   13.7
                                                                           8.5
                                                                                 1.4
          -6.2 -7.8 -12.2 -13.9
## 7049
                                   -5.3
                                           0.7
                                                 9.2
                                                       12.9
                                                             14.5
                                                                   13.5
                                                                           9.4
                                                                                 4.7
                      -7.7
## 7050
          -2.3 -14.5
                             -9.2
                                   -4.9
                                          -0.5
                                                 6.6
                                                       10.8
                                                             12.6
                                                                   -0.1 -12.6 -13.3
## 7051
         -14.8 -12.0
                      -6.8
                              1.7
                                     6.8
                                          11.7
                                                       13.5
                                                                   -1.7
                                                13.7
                                                              7.8
                                                                          -8.7 - 15.4
## 7052
          -9.3 -10.2
                       -1.7
                              2.8
                                     9.3
                                          14.6
                                                14.8
                                                       10.0
                                                              3.6
                                                                    0.5 - 12.6
                                                                               -7.3
## 7053
          -7.2 -1.7
                        3.8
                              8.8
                                    12.9
                                          13.6
                                                13.1
                                                        8.0
                                                             -1.4
                                                                   -6.8
                                                                          -9.1 -12.1
## 7054
          -6.1 -10.0
                              8.7
                                   13.7
                                          13.2
                                                13.2
                                                        8.8
                                                              0.3
                                                                    4.8
                                                                         -7.8
                                                                                -8.2
                        1.1
##
  7055
          -5.2
                -6.1
                        1.2
                              9.5
                                   12.8
                                          14.2
                                                13.5
                                                        8.3
                                                              2.7
                                                                   -5.3
                                                                         -3.8
                                                                                -6.2
## 7056
          -7.8
                -8.7
                        2.2
                              8.8
                                   12.7
                                          14.3
                                                12.5
                                                        9.2
                                                             -2.4
                                                                   -8.6 -15.4 -10.4
## 7057
          -6.9
                -6.7
                        2.7
                              7.1
                                   12.0
                                          14.7
                                                13.8
                                                        7.6
                                                              3.3
                                                                   -5.4
                                                                         -8.6
                                                                                -7.1
## 7058
          -4.7
                -4.4
                       -0.1
                              8.3
                                   10.9
                                          14.8
                                                13.8
                                                       11.1
                                                              2.7 - 11.1
                                                                         -4.0
                                                                               -9.9
## 7059
          -6.6
                -8.2
                        1.0
                              5.1
                                   13.3
                                          13.9
                                                12.6
                                                        9.3
                                                              1.7
                                                                   -5.9 -17.2 -12.2
## 7060
         -12.1
                 2.5
                        4.3
                              7.4
                                   11.6
                                          15.0
                                                13.5
                                                       12.1
                                                             -0.7
                                                                   -6.4 -10.5 -12.4
## 7061
          -9.6
                -8.0
                              6.7
                                   13.0
                                          14.4
                                                12.4
                                                        7.9
                                                              0.2
                                                                   -8.1 -11.8 -13.8
                        1.8
          -9.7
                -4.9
                                   13.4
                                          15.2
                                                14.4
                                                                   -1.1 -8.9 -10.8
## 7062
                        1.7
                              8.4
                                                        8.9
                                                              2.1
## 7063
          -4.9
                -0.2
                        1.9
                              9.0
                                   12.6
                                          15.5
                                                14.6
                                                        8.4
                                                              0.6
                                                                   -5.5 -14.3 -15.2
## 7064
          -7.8
                -1.9
                        4.1
                              8.7
                                   14.3
                                          15.2
                                                12.3
                                                        9.3
                                                              5.1
                                                                   -4.7
                                                                         -2.0 -12.7
  7065
          -1.3
                                   12.2
                                          13.9
                                                13.7
                                                                   -3.9
##
                 1.9
                        2.4
                              8.7
                                                        8.0
                                                              0.3
                                                                         -9.8 -16.3
          -6.3
                -9.9
## 7066
                        0.8
                              5.3
                                   10.7
                                          13.0
                                                12.8
                                                        7.8
                                                              0.2
                                                                   -7.6
                                                                         -8.8 -10.4
## 7067
         -10.3
                -9.1
                       -2.9
                              6.3
                                   11.1
                                          14.8
                                                13.7
                                                        6.9
                                                             -0.2
                                                                   -6.0 -11.1 -15.7
                                                                   -7.6 -14.4
## 7068
         -10.5
                -3.7
                        6.4
                             10.8
                                   14.3
                                          12.1
                                                 7.7
                                                        0.2 - 10.2
                                                                               -9.8
## 7069
          -4.8
                  3.3
                        8.8
                             13.1
                                   14.1
                                          13.5
                                                 9.9
                                                        1.5
                                                             -5.2
                                                                  -7.3 -11.2 -10.6
          -5.3
## 7070
                  0.5
                        7.9
                             11.7
                                   14.8
                                          13.7
                                                 9.7
                                                        1.7
                                                             -8.9 -11.2
                                                                          -8.3 - 10.7
## 7071
          -4.4
                        7.2
                            12.1
                                   15.1
                                          13.5
                                                 8.6
                                                             -0.8
                                                                  -4.9
                                                                           0.0
                  1.6
                                                        0.7
                                                                                 0.3
## 7072
          -4.1
                  2.1
                        8.4
                             14.3
                                   17.1
                                          15.6
                                                10.4
                                                        3.8
                                                             -9.3 -11.0
                                                                          -6.0
                                                                                -3.2
                 3.9
                                                             -3.1
## 7073
          -1.5
                        9.4
                            12.4
                                   14.9
                                          15.4
                                                10.8
                                                        4.3
                                                                   -5.2
                                                                          -5.4 - 11.6
## 7074
          -0.2
                  3.6
                       10.3
                            13.3
                                   15.8
                                          14.9
                                                11.1
                                                        5.1
                                                              0.8 - 12.2
                                                                          -9.8
                                                                                -2.5
## 7075
          -3.0
                  4.1
                        7.7
                             11.8
                                   13.9
                                          12.6
                                                 8.2
                                                        3.1
                                                             -2.4 -17.3
                                                                         -0.3
                                                                                -4.0
## 7076
           1.3
                  2.2
                       10.4
                             12.1
                                   14.1
                                          12.7
                                                 8.8
                                                        2.2
                                                             -5.7
                                                                   -8.9 -14.2
                                                                                -9.2
## 7077
          -2.8
                  0.6
                        6.9
                            11.7
                                   13.4
                                          12.6
                                                 8.7
                                                       -3.0
                                                             -6.1
                                                                   -6.1
                                                                          -8.8
                                                                                -5.9
## 7078
          -1.7
                  3.0
                        9.3
                            13.3
                                   14.7
                                          13.4
                                                 7.4
                                                        1.3
                                                             -3.9
                                                                   -8.4
                                                                          -7.3
## 7079
           2.4
                 3.8
                        9.8
                            14.1
                                   16.0
                                          14.0
                                                 9.8
                                                        1.9
                                                             -6.8
                                                                   -7.3
                                                                         -1.0 -10.3
## 7080
                            11.1
                                   15.0
          -2.9
                 -2.0
                        7.3
                                          12.9
                                                 8.9
                                                       -0.9 - 10.0
                                                                   -2.7
                                                                          -3.6
                                                                                -5.7
## 7081
          -4.4
                 -0.6
                        8.1 12.6
                                                        3.8
                                                             -4.1
                                                                   -2.1
                                                                                -3.8
                                   12.1
                                          12.4
                                                 9.2
                                                                          -5.1
## 7082
          -2.9
                  3.3
                                                             -2.8
                                                                   -7.7
                                                                         -7.8
                        8.4
                            11.1
                                   13.7
                                          14.1
                                                 9.4
                                                        3.8
          -0.4
                  2.8
                        9.2
                            12.9
                                                                   -5.7 -15.8
## 7083
                                   14.9
                                          13.3
                                                 8.9
                                                        0.6
                                                             -6.4
                                                                                -8.0
## 7084
          -4.6
                  4.0
                        8.0
                             12.9
                                   15.2
                                          15.1
                                                10.3
                                                        1.1
                                                             -8.2
                                                                   -4.3
                                                                          -9.2 -15.5
## 7085
          -1.9
                        9.9
                                   14.8
                                                        0.2 - 12.3
                                                                   -9.6
                                                                          -8.9
                                                                                -6.9
                  4.4
                             13.9
                                          14.4
                                                 9.9
                  3.2
## 7086
          -4.6
                        8.1
                             13.2
                                   14.2
                                          13.1
                                                10.6
                                                        0.6
                                                             -3.9
                                                                   -6.4
                                                                          -6.5
                                                                                -9.4
          -3.9
## 7087
                  1.8
                        7.9
                             13.3
                                   15.3
                                          13.2
                                                 4.6
                                                       -0.4
                                                             -2.7
                                                                   -9.4
                                                                          -9.3
                                                                                -6.1
## 7088
          -1.8
                       10.4
                             13.5
                                   16.3
                                          14.9
                                                 9.3
                                                             -3.8
                                                                   -4.4
                                                                          -5.7
                                                                                -8.3
                  4.8
                                                        3.7
          -3.5
## 7089
                  3.7
                        8.4
                            13.7
                                   14.9
                                          15.0
                                                 9.2
                                                        0.8
                                                             -9.3
                                                                   -9.1
                                                                          -9.1
                                                                                -6.3
## 7090
          -7.4
                        9.3
                             13.4
                                   15.1
                                          14.4
                                                12.0
                                                        3.4
                                                             -5.9
                                                                   -7.2 -14.4
                                                                                -9.3
                  4.6
## 7091
          -1.5
                                                      -3.7 -7.2 -10.6
                  3.7
                       10.2 13.8
                                   15.5
                                          13.7
                                                 8.1
                                                                         -8.9
                                                                                -0.7
```

```
9.0 13.7 16.0 14.5 10.2 -0.7 -2.2 -8.3 -9.2 -3.5
## 7092
          -4.1
                 3.5
## 7093
          -1.0
                       8.6 12.7
                                  14.2
                                        12.1
                                                9.4
                                                      2.2
                                                           -4.7
                                                                 -9.6 -11.1 -13.6
                 4.6
## 7094
          -4.3
                 1.6
                       7.7
                            13.1
                                  14.8
                                        13.9
                                                9.5
                                                      1.3
                                                           -6.6
                                                                 -9.4
                                                                       -9.5
## 7095
                       7.9 12.8
                                  13.8
                                         12.8
                                                                 -3.7
                                                                       -2.6
          -1.1
                 3.1
                                                8.3
                                                      1.6
                                                           -1.0
                                                                              -5.0
                                                                              -5.8
## 7096
          -1.7
                 3.2
                       7.4
                           14.7
                                  14.3
                                         14.7
                                                9.6
                                                     -0.8
                                                           -6.8 -11.8
                                                                       -4.5
## 7097
          -5.3
                -0.5
                       9.3 12.1 15.6
                                        13.9
                                               10.1
                                                      5.1
                                                            1.8
                                                                 -4.4
                                                                       -5.4
                                                                              -0.3
## 7098
          -2.7
                 3.6
                       9.0 13.3
                                  16.9
                                         14.4
                                                9.5
                                                      4.6
                                                           -5.7
                                                                 -8.3 - 12.3
          -4.1
                 3.0
                      10.2 14.3
                                  16.6
                                         16.4
                                                7.3
                                                      3.7
                                                           -1.7
                                                                 -5.7 -7.1
                                                                              -6.3
## 7099
## 7100
           0.0
                 4.6
                      10.5 13.9
                                  16.4
                                         14.6
                                               10.9
                                                      2.8
                                                           -8.3
                                                                  -3.7 - 11.8
                                                                              -5.6
## 7101
          -4.6
                       9.3 12.5
                                  14.7
                                                      4.0 -11.3
                                                                 -5.9 -8.6
                                                                              -7.9
                 2.1
                                         12.9
                                                9.9
## 7102
          -9.7
                 3.7
                       8.6 12.6
                                  14.7
                                         14.6
                                               10.4
                                                      2.1
                                                           -0.4
                                                                 -6.9 -10.4
                       7.7
                                                           -6.0
                                                                 -9.8 -10.6
                                                                              -7.9
## 7103
          -0.9
                 0.9
                            11.0
                                  13.4
                                        13.2
                                                9.2
                                                     -1.3
## 7104
          -5.5
                 1.8
                       9.4 12.5
                                  15.3
                                         13.5
                                                9.4
                                                      4.9
                                                           -6.5
                                                                 -6.7
                                                                       -7.4
                                                                              -3.5
          -2.7
                       9.1 12.4
## 7105
                                  13.6
                                        13.7
                                                9.8
                                                      3.4
                                                           -3.3 -11.5 -7.3
                 2.7
                                                                              -8.2
## 7106
          -3.8
                 3.1
                       8.9 12.4
                                  14.4
                                         13.1
                                                9.8
                                                      3.2
                                                           -9.5
                                                                 -4.5 -16.1
                                                                              -3.8
                                                           -7.9
## 7107
          -5.8
                 3.7
                       7.5
                           12.4
                                  13.1
                                         13.3
                                                8.8
                                                      0.7
                                                                  -9.6
                                                                        -5.2
                                                                              -4.0
## 7108
          -4.1
                -1.3
                       7.3 14.9
                                  16.4
                                         14.4
                                                9.6
                                                      6.6
                                                           -4.9
                                                                  -8.9
                                                                        -0.9
                                                                              -7.0
          -2.4
## 7109
                 3.6
                      11.4
                            12.6
                                  15.9
                                         14.7
                                               10.2
                                                      1.5
                                                           -0.4
                                                                  -2.3
                                                                       -5.9
                                                                              -4.0
## 7110
          -1.4
                      10.3 15.2
                                  16.6
                                        15.0
                                                8.0
                                                      4.7
                                                           -4.5
                                                                  -5.7
                                                                       -2.4
                                                                              -1.2
                 4.6
## 7111
           0.6
                 6.6
                      11.1 15.1
                                  16.9
                                         15.3
                                               11.0
                                                      2.0
                                                           -3.1
                                                                  -8.4 - 10.2
                                                                              -7.1
## 7112
          -7.1
                 4.6
                       8.8 12.9
                                  15.5
                                        14.1
                                               10.7
                                                      4.2
                                                           -5.6
                                                                  -3.0
                                                                       -6.3
                                                                              -6.8
## 7113
          -2.3
                 4.2
                       8.9
                            13.4
                                  16.1
                                        14.7
                                               12.6
                                                      7.3
                                                           -0.9
                                                                  -3.5
                                                                       -6.4
           2.1
                            15.8
                                        17.0
                                                                              -7.3
## 7114
                 4.5 10.1
                                  18.5
                                               11.5
                                                      5.4
                                                            2.1
                                                                  -4.0 -13.9
## 7115
          -5.8
                 2.6
                     10.2
                            13.1
                                  16.1
                                         14.9
                                               10.4
                                                      2.9
                                                           -5.8
                                                                  -5.1
                                                                        -5.3
                                                                              -9.8
## 7116
          -7.0
                 1.6
                       8.9
                            13.6
                                  15.0
                                        14.1
                                                8.6
                                                      3.3
                                                           -9.0
                                                                  -8.0
                                                                        -6.2
                                                                              12.7
                                  27.8
                                        14.1
                                                     19.1
                                                           13.9
## 7117
          18.1
                28.4
                     15.5
                             6.4
                                               26.4
                                                                  10.6
                                                                        25.1
                                                                               8.7
## 7118
          19.2
                28.5
                      25.8
                            28.5
                                  25.7
                                         21.4
                                               14.2
                                                     11.2
                                                           25.2
                                                                  26.7
                                                                        21.6
                                                                              11.7
                24.7
                      30.4
                            21.6
                                   9.8
                                        13.2
                                               29.2
                                                     12.4
                                                           30.2
                                                                        22.8
## 7119
          24.0
                                                                  29.6
                                                                              15.4
                      21.5
                           21.9
                                 21.4
                                         28.7
                                               28.9
                                                           27.8
                                                                        21.5
## 7120
           9.8
               14.1
                                                     27.7
                                                                 10.7
                                                                              20.4
                                  27.8
                                         27.8
## 7121
           8.3
                19.5
                      23.9
                            27.3
                                               27.1
                                                     22.0
                                                           14.9
                                                                  15.1
                                                                         8.9
                                                                               2.6
## 7122
           4.0
                 6.4
                       9.4
                            17.7
                                   18.3
                                         19.2
                                               15.6
                                                      8.2
                                                            3.6
                                                                   0.6
                                                                        20.4
                                                                              14.3
## 7123
           7.7
                 3.9
                       0.8
                            -1.8
                                   1.3
                                          3.8
                                               10.1
                                                     15.8
                                                           18.1
                                                                  18.3
                                                                        12.4
                                                                               7.3
                       2.5
## 7124
           1.0
                -1.1
                             5.2
                                  11.9
                                         13.5
                                               16.3
                                                     19.1
                                                            11.9
                                                                   9.3
                                                                         4.0
                                                                              -5.1
## 7125
           0.2
                 2.6
                       5.2
                           10.1
                                  13.5
                                         20.0
                                               12.7
                                                      6.3
                                                            2.4
                                                                  -2.2
                                                                        -2.6
                                                                               0.1
                                                                   2.9
## 7126
           2.9
                11.0
                      16.6
                            22.4
                                  17.4
                                         10.7
                                                8.6
                                                     -2.4
                                                           -4.1
                                                                         2.5
                                                                               7.2
## 7127
          18.3
               17.1 21.5
                            11.3
                                   9.6
                                          4.3
                                               -0.1
                                                      2.5
                                                            5.1
                                                                 13.2
                                                                        15.8
                                                                              10.7
## 7128
           3.9
                -0.5
                      -0.4
                             3.3
                                    4.6
                                        10.8
                                               15.3
                                                     20.4
                                                           19.0
                                                                  14.8
                                                                        13.0
                                                                               4.0
## 7129
           0.3
                 0.8 - 4.1
                             4.6
                                  10.7
                                         16.9
                                               18.5
                                                     17.2
                                                           14.4
                                                                   8.5
                                                                         4.6
                                                                               1.2
## 7130
           1.9
                 1.3
                       5.3
                            10.3
                                   12.6
                                          4.2
                                                0.6
                                                      6.2
                                                           17.7
                                                                  18.6
                                                                        19.2
                                                                              14.3
                      -6.2
## 7131
           2.7
               -2.9
                            -3.6
                                    4.8
                                        13.2
                                               13.8
                                                     14.7
                                                           16.8
                                                                  14.7
                                                                         5.1
                                                                              10.3
## 7132
          15.0
               17.7
                      17.5
                            13.5
                                    7.2
                                         -0.4
                                               -0.1
                                                      0.1
                                                                   4.6
                                                                         5.5
                                                                              12.9
                                                            0.4
## 7133
          13.7 18.7
                      19.8
                            15.7
                                    9.1
                                          4.6
                                               -0.3
                                                      0.6
                                                            2.7
                                                                   2.7
                                                                         7.4
                                                                               9.9
                20.4
                     17.8
                            14.5
                                    6.0
                                                                         5.8
## 7134
          17.1
                                          3.5
                                                1.6
                                                      4.1
                                                            1.5
                                                                   6.2
                                                                              11.3
## 7135
               22.4
                     19.8
                            15.9
                                          1.6
                                                     -0.3
                                                            2.0
                                                                   6.8
          17.3
                                  11.0
                                                1.2
                                                                         8.1
                                                                              11.3
               20.0
                      20.2
                            13.5
                                          3.4
                                                      1.3
                                                                   7.5
## 7136
          16.2
                                    8.8
                                                2.5
                                                            5.8
                                                                        12.0
                                                                              13.2
          19.9
                20.0
                       9.4
                                    2.9
                                          2.9
                                                                  -1.7
                                                                         7.1
## 7137
                             1.8
                                               21.5
                                                     18.6
                                                            4.3
                                                                              12.6
                     13.4
                             7.6
## 7138
          15.7
               18.7
                                    3.3
                                          0.7
                                               -1.2
                                                      2.8
                                                            4.8
                                                                  11.9
                                                                        15.0
                                                                              20.3
## 7139
          19.1
                 9.0
                       6.1
                             1.7
                                    6.6
                                         13.0
                                               19.4
                                                                         3.5
                                                                               5.8
                                                      6.8
                                                            3.4
                                                                   3.6
                                                3.6
## 7140
           9.1
               13.4 18.6
                            17.4
                                  14.3
                                          9.2
                                                      0.8
                                                            0.9
                                                                  -0.1
                                                                         4.5
                                                                               3.8
                      16.7
## 7141
           8.4 13.1
                            18.8
                                  16.8
                                          8.0
                                                2.8
                                                     -0.2
                                                            1.7
                                                                   0.9
                                                                         3.9
                                                                               7.8
## 7142
          10.2 13.4
                      18.9
                            19.3
                                  15.3
                                          8.7
                                                4.7
                                                      0.1
                                                            -1.2
                                                                   1.9
                                                                         4.2
                                                                               6.6
          10.8 15.1 21.2 19.6
## 7143
                                  14.9
                                          6.4
                                                2.4
                                                     -1.9
                                                            1.6
                                                                  -0.8
                                                                         5.4
                                                                               7.5
                            19.3
## 7144
          11.5 14.1 21.0
                                  15.3
                                        11.6
                                                0.6
                                                      1.2
                                                            2.5
                                                                   4.5
                                                                         7.3
                                                                               6.7
          12.3 20.0 20.7 20.3 13.8
## 7145
                                        10.9
                                                1.0
                                                      2.3
                                                            1.3
                                                                   4.9
                                                                         5.7
                                                                              10.8
```

```
13.1 17.1 19.4 20.3 14.2
                                                        -5.1
## 7146
                                        9.6
                                              7.1 - 3.6
                                                                1.5
                                                                      6.2
                                                                            6.8
## 7147
         13.1 17.2
                     22.4
                           22.0 15.7
                                        7.9
                                              4.7
                                                   -2.0
                                                          2.6
                                                                      4.5
                                                                            8.5
                                                                1.7
               16.9
## 7148
         15.1
                     22.8 20.8
                                14.2
                                        9.2
                                              3.6
                                                    1.7
                                                          2.8
                                                               -2.2
                                                                      2.0
                                                                            9.0
## 7149
         12.6 15.7
                     18.4
                           21.1
                                 14.8
                                        7.6
                                              3.4
                                                          4.4
                                                                2.6
                                                                      3.6
                                                    2.5
                                                                            8.3
## 7150
         11.9 16.0
                     20.6
                           20.7
                                 16.7
                                       11.3
                                              5.0
                                                    2.3
                                                          2.6
                                                                1.4
                                                                      4.4
                                                                            9.1
## 7151
         13.1 20.8 23.6 20.7
                                 15.9
                                        9.7
                                              7.2
                                                    1.8
                                                          2.6
                                                               16.9
                                                                     17.9
                                                                           19.2
         20.5
              25.6
                     27.7
                           29.8
                                 30.4
                                       29.3
                                             26.1
                                                   21.3
                                                         15.1
                                                               18.4
                                                                     17.7
## 7152
## 7153
                                       27.8
         23.4 25.4
                     27.5
                           28.2
                                 28.8
                                             24.5
                                                   19.5
                                                         20.8
                                                               18.0
                                                                     16.2
                                                                           20.8
## 7154
         21.6
               25.2
                     27.5
                           28.5
                                 29.1
                                       27.7
                                             26.0
                                                   20.3
                                                         20.2
                                                               16.6
                                                                     18.9
                                                                           19.7
## 7155
         22.4
               26.3
                     28.5
                           28.0
                                 28.5
                                       28.1
                                             23.9
                                                         18.9
                                                               16.2
                                                                           20.3
                                                   18.8
                                                                     16.1
               25.6
                           28.5
                                       27.7
                                             25.6
## 7156
         23.2
                     28.3
                                 28.4
                                                   20.5
                                                         17.5
                                                               12.7
                                                                     15.3
                                                                           17.3
## 7157
               27.4
                     29.8
                           29.2
                                 29.3
                                       27.6
                                             25.4
         22.6
                                                   21.4
                                                         13.6
                                                               15.5
                                                                     20.0
                                                                           21.7
               26.7
                     28.3
                                29.2
## 7158
         24.4
                           28.6
                                       28.4
                                             23.1
                                                   22.7
                                                         20.3
                                                               17.0
                                                                     21.8
                                                                           23.5
## 7159
         23.4
               26.5
                     27.0
                           28.4
                                28.6
                                       27.8
                                             25.0
                                                   19.1
                                                         18.4
                                                               19.5
                                                                     18.4
## 7160
         24.1
               25.3
                     28.2
                           28.1
                                 29.3
                                       27.9
                                             26.0
                                                   22.2
                                                         20.3
                                                               14.8
                                                                     18.4
                                                                           18.7
                                       27.0
## 7161
         22.8
               26.0
                     27.9
                           28.8
                                 29.0
                                             25.0
                                                   18.0
                                                         18.3
                                                               17.0
                                                                     15.7
                                                                           22.3
## 7162
         25.3
               26.7
                     27.9
                           28.3
                                 28.6
                                       28.1
                                             25.6
                                                   23.5
                                                         22.4
                                                               15.8
                                                                     16.7
                                                                           21.4
               25.8
## 7163
         23.4
                     28.1
                           29.3
                                 27.3
                                       28.0
                                             24.4
                                                   20.9
                                                         19.9
                                                               18.8
                                                                     19.2
                                                                           20.7
## 7164
         23.8
               26.8
                     27.7
                           29.4
                                 29.4
                                       28.3
                                             25.0
                                                   21.7
                                                         19.2 13.7
                                                                     21.7
                                                                           18.8
## 7165
         23.3
               25.3
                     28.5
                          28.5
                                28.3
                                       29.3
                                             26.7
                                                   21.5
                                                         18.2
                                                               16.1
                                                                     21.6
                                                                           20.6
## 7166
         23.7
               27.6
                     28.9
                           28.4
                                29.2
                                       28.9
                                             27.0
                                                   21.1
                                                         19.8
                                                               18.1
                                                                     19.3
                                                                           23.5
## 7167
         24.4
              25.6
                     28.3
                           29.0
                                29.0
                                       27.7
                                             26.5
                                                   23.1
                                                         16.5
                                                               16.3
                                                                     19.2
         23.0 26.3
                                 28.9
                                       28.1
                                             27.0
                                                   20.5
## 7168
                     27.7
                           28.5
                                                         21.1
                                                               16.9
                                                                     13.2
                                                                           26.0
## 7169
         25.0 14.2
                      8.7
                           -0.4
                                 -0.3
                                        2.7
                                             13.0
                                                   14.8
                                                         23.9
                                                               21.3
                                                                     17.2
                                                                            6.6
## 7170
          8.8
                0.1 11.1 13.4 15.9
                                       19.9
                                             24.8
                                                   28.3
                                                         33.6
                                                               30.7
                                                                     28.4
                                                                           22.2
## 7171
         14.3 11.1 10.8
                          12.3 13.1 19.7
                                             26.4
                                                   29.2
                                                         33.2
                                                               32.7
                                                                     29.9
## 7172
         14.0
              10.6 12.5
                          11.8 16.4
                                       19.2
                                             21.6
                                                   29.4
                                                         32.7
                                                               31.8
                                                                     28.9
                                                                           22.0
## 7173
                9.6 11.3
                           16.3 14.6
                                       22.0
                                             25.7
                                                   29.3
                                                         32.9
                                                               36.9
                                                                           23.8
         16.4
                                                                     30.1
                      9.3 10.5
                                16.4 19.3
                                             24.2
                                                         30.4
## 7174
         18.1
              12.2
                                                   28.7
                                                               30.3
                                                                     28.3
                                                                           24.3
## 7175
         15.1
              13.2 13.4
                           10.5
                                 16.4
                                       19.1
                                             24.9
                                                   30.5
                                                         31.1
                                                               29.8
                                                                     29.2
                                                                           20.9
         14.3 11.8 12.2
## 7176
                           16.3
                                 16.6
                                       19.2
                                             22.7
                                                   30.6
                                                         33.0
                                                               31.1
                                                                     28.4
                                                                           21.4
## 7177
         13.6 12.8 11.7
                           14.4
                                 13.9
                                       19.3
                                             27.4
                                                   31.7
                                                         34.2
                                                               33.7
                                                                     30.3
                                                                           24.8
         17.3 13.3
                     12.1
                           12.2
                                 17.6
                                       23.1
                                                               31.2
                                                                     28.5
                                                                           22.6
## 7178
                                             24.6
                                                   32.4
                                                         34.4
## 7179
         16.1 12.0
                      9.2
                          10.8 18.4
                                       21.3
                                             25.4
                                                   32.2
                                                         33.6
                                                               32.1
                                                                     29.9
                                                                           21.4
                                       20.7
                                                                     27.0
## 7180
         15.8 10.3 12.3
                          13.1
                                 15.3
                                             24.2
                                                   31.4
                                                         33.2
                                                               31.4
                                                                           20.9
## 7181
         13.9 11.3 10.8 13.2 13.3
                                       22.4
                                             23.1
                                                   28.4
                                                         32.3
                                                               33.2
                                                                     29.1
                                                                           22.0
## 7182
         16.6 12.8
                      9.1
                           15.7
                                 16.1
                                       18.8
                                             26.7
                                                   27.6
                                                         33.3
                                                               30.6
                                                                     29.6
## 7183
         16.6 11.0
                      8.2
                            9.6 13.6
                                       18.4
                                             23.2
                                                   28.1
                                                         32.6
                                                               30.1
                                                                     27.2
                                                                           23.8
## 7184
         13.1
              11.1 11.5 11.3
                                 13.4
                                       17.4
                                             22.1
                                                   26.1
                                                         32.8
                                                               31.7
                                                                     26.2
                                                                           22.2
                      9.0
                            9.8 16.2
                                       21.0
                                             26.7
                                                         33.9
                                                               32.7
                                                                     28.3
## 7185
         11.7 11.6
                                                   30.4
                                                                           21.6
## 7186
         15.8 11.1 10.4 13.2 17.1
                                       16.8
                                             23.9
                                                   27.3
                                                         33.1
                                                               32.8
                                                                     29.3
## 7187
         17.7
                9.0 11.3 15.4
                                15.5
                                       19.3
                                             24.8
                                                   30.1
                                                         32.3
                                                               30.3
                                                                     28.7
                                                                           22.6
## 7188
                9.7
                     12.7
                           11.7
                                 13.8
                                       20.3
                                             25.7
                                                   29.0
                                                         33.9
                                                               34.7
         15.1
                                                                     30.0
                                                                           20.8
## 7189
         16.7
               12.7
                     11.2 15.7
                                 15.3
                                       18.2
                                             26.4
                                                   31.2
                                                         35.0
                                                               33.6
                                                                     27.9
                                                                           20.6
## 7190
         16.3 11.4 11.2 13.5
                                 17.4
                                       19.2
                                             22.9
                                                   29.6
                                                         34.9
                                                               32.0
                                                                     29.8
         15.4 10.1
                    10.8
                          15.1
                                 21.4
                                       21.9
                                             25.7
                                                   31.0
                                                         34.7
                                                               32.2
                                                                     29.3
                                                                           22.2
## 7191
                           14.2
                                 13.7
                                             27.2
## 7192
         14.5
               11.2 10.7
                                       19.6
                                                   31.2
                                                         34.2
                                                               34.1
                                                                     29.3
                                                                           23.6
## 7193
         16.0
              13.0
                     12.2
                          13.7
                                 18.0
                                       21.4
                                             26.8
                                                   33.4
                                                         33.6
                                                               32.9
                                                                     30.7
                                                                           24.4
## 7194
         16.4 10.3 11.3
                          12.2
                                15.0
                                      17.0
                                             24.8
                                                   30.3
                                                         34.6
                                                               33.3
                                                                     30.1
                                                                           22.7
## 7195
                          15.9
                                       20.4
                                             27.1
                                                                     28.3
                                                                           23.3
         16.1
               12.7
                     13.0
                                 16.4
                                                   31.1
                                                         33.1
                                                               32.6
## 7196
         17.8 13.1
                     12.1
                          16.5
                                 16.0
                                       23.1
                                             24.8
                                                   33.0
                                                         35.0
                                                               34.5
                                                                     30.9
                                                                           25.9
         18.8 15.5 13.7
                          14.8 18.7
                                       20.7
                                                         35.2
                                                                     30.2
                                                                          25.9
## 7197
                                             26.6
                                                   32.7
                                                               33.0
## 7198
         16.4 10.9 10.1 13.2 15.8 21.2 25.7
                                                   31.9
                                                         34.3
                                                               31.9
                                                                     32.3
                                                                           25.1
## 7199
         14.6 13.3 13.7 15.9 15.9 21.0 24.4 31.6 35.3 33.4 30.7
                                                                           24.2
```

```
17.8 15.8 15.1 16.3 17.6 24.4 26.9 34.1 35.1
## 7200
                                                              35.4
                                                                    31.8
                                                                          23.1
## 7201
         18.9 14.8
                    12.2
                          15.6 16.9
                                      22.5
                                            26.9 31.2
                                                        34.3
                                                              34.3
                                                                    30.4
                                                                          23.1
                                                              33.7
## 7202
         16.5 12.2 13.3 14.7 16.8 19.4 26.2 31.4
                                                        35.3
                                                                    32.8
                                                                         25.1
## 7203
         16.9 14.0 14.1 15.6 19.8
                                      21.5
                                            30.6
                                                  31.6
                                                              32.9
                                                                    30.8
                                                        33.2
                                                                          21.9
## 7204
         16.6 12.1 12.4 13.1
                                17.1
                                      23.9
                                            27.0
                                                  33.6
                                                        34.9
                                                              33.0
                                                                    27.9
                                                                          23.9
## 7205
         16.3 13.3 14.4 15.0 18.7
                                      22.0
                                            25.9
                                                  32.0
                                                        32.0
                                                              32.7
                                                                    26.9
                                                                          23.3
         16.3 11.8 12.4 14.0 15.7
                                      23.0
                                            26.1
                                                  32.4
                                                        33.9
                                                              33.5
                                                                    30.5
## 7206
## 7207
         15.7 11.2 11.4 15.0 17.6
                                      21.4
                                            26.0
                                                  31.9
                                                        34.2
                                                              32.9
                                                                    28.8
                                                                          26.0
## 7208
         16.0 11.4 10.4 14.6 19.8
                                      24.7
                                            27.0
                                                  31.4
                                                        34.8
                                                              32.8
                                                                    30.7
                                                                          23.0
## 7209
         17.1 12.4 11.1 13.7 18.0
                                      22.6
                                            26.0
                                                  32.8
                                                       32.7
                                                                    29.9
                                                                          23.9
                                                              31.0
## 7210
         17.1 10.4 12.3
                          16.4 14.7
                                      22.3
                                            25.0
                                                  31.0
                                                        35.1
                                                              34.7
                                                                    31.4
## 7211
                                18.2
         17.5 14.1 13.6
                          16.7
                                      25.0
                                            28.4
                                                  32.3
                                                        33.8
                                                              33.5
                                                                    32.5
                                                                          26.6
## 7212
         16.4 12.1 14.6
                          14.6 18.7
                                      23.2
                                            28.7
                                                  32.0
                                                        33.8
                                                              33.1
                                                                    31.1
                                                                          24.8
## 7213
         16.3 13.4 13.8 14.5
                                18.3
                                      22.1
                                            25.7
                                                  33.4
                                                        34.4
                                                              35.2
                                                                    30.5
                                                                          22.8
## 7214
         14.4 12.9 12.5 17.3
                                17.9
                                      20.2
                                            24.6
                                                  30.1
                                                        34.7
                                                              34.8
                                                                    31.8
                                                                          24.6
                          17.4
## 7215
         19.2 13.9
                    13.3
                                18.4
                                      23.4
                                            28.3
                                                  33.3
                                                        35.1
                                                              34.5
                                                                    29.1
                                                                          23.8
## 7216
         18.1 13.6 13.2
                          14.3
                                20.8
                                      21.6
                                            30.2
                                                  30.9
                                                        34.3
                                                              33.8
                                                                    32.2
                                                                          23.7
## 7217
         17.9 11.6
                    13.7
                          12.3 16.6
                                      19.2
                                            24.5
                                                  29.6
                                                        34.7
                                                              34.8
                                                                    31.0
                                                                         23.1
## 7218
         16.7 12.4 13.5 15.6 18.2 18.7
                                            26.6
                                                  31.6
                                                        32.9
                                                              33.9
                                                                    30.8
                                                                         26.3
## 7219
         20.1 12.9 14.5
                          16.1 17.2
                                      24.1
                                            29.4
                                                  32.8
                                                        35.0
                                                              33.6
                                                                    32.3
                                                                          22.6
## 7220
         13.8 14.1 12.2 13.8 18.7
                                      22.1
                                            30.6
                                                  33.4
                                                        34.7
                                                              34.9
                                                                    33.5
                                                                          26.3
## 7221
         20.2 12.1 13.3 16.3 18.4 24.8
                                            27.6
                                                  34.1
                                                        35.6
                                                              35.0
                                                                    32.1
         19.4 12.9 16.6 15.2 18.2
                                      21.2
                                            28.5
## 7222
                                                  33.2
                                                        36.5
                                                              34.8
                                                                    32.6
                                                                          28.2
## 7223
         16.7 13.8 14.2 13.3
                                22.4
                                      22.7
                                            28.5
                                                  32.9
                                                        34.8
                                                              33.8
                                                                    31.2
                                                                          24.0
                                                              33.5
         16.1 13.3 14.4 15.1 17.7
                                      22.4
                                            28.2
                                                  32.4
                                                        36.3
                                                                    32.0
                                                                          25.7
## 7224
                                      22.6
                                            29.3
## 7225
         19.1 13.8 14.3
                          16.6
                                16.9
                                                  34.8
                                                        35.9
                                                              33.7
                                                                    29.8
## 7226
         19.5 12.4 11.7
                          15.6
                                20.5
                                      23.1
                                            29.2
                                                  33.8
                                                        35.5
                                                              35.7
                                                                    32.4
                                                                          25.7
## 7227
         21.1 11.8 12.6
                          14.6
                                19.2
                                      23.4
                                            25.9
                                                        35.0
                                                              33.8
                                                                          25.5
                                                  34.0
                                                                    32.1
## 7228
         19.5 13.3 14.8 15.9 19.7
                                      22.0
                                            30.1
                                                        36.8
                                                  31.5
                                                              35.2
                                                                    32.2
                                                                         23.6
## 7229
         19.7 12.1 14.1
                          15.1
                                17.1
                                      21.4
                                            25.7
                                                  32.9
                                                        36.0
                                                              34.5
                                                                    33.1
                                                                          25.4
## 7230
         17.2 15.3 13.1
                          12.9
                                19.9
                                      23.5
                                            26.0
                                                  32.6
                                                        35.2
                                                              36.8
                                                                    33.0
                                                                          26.0
## 7231
         17.5 11.8
                    14.8
                          15.7
                                18.8
                                      23.9
                                            29.2
                                                  34.3
                                                        34.4
                                                              35.2
                                                                    31.5
                                                                          26.0
                                20.9
                                                                         23.6
## 7232
         20.2 13.7
                     12.0
                          14.0
                                      24.1
                                            28.9
                                                  34.9
                                                        35.4
                                                              34.8
                                                                    31.5
## 7233
         19.3 13.5 15.5
                          18.0 20.6
                                      23.8
                                            28.4
                                                  34.0
                                                        35.8
                                                              33.1
                                                                    31.7
                                                                          26.7
                                      23.8
## 7234
         18.9 14.3
                    14.4
                          18.4 22.3
                                            26.2
                                                  34.8
                                                        34.9
                                                              35.7
                                                                    32.0
                                                                          26.3
## 7235
         16.6 11.9 12.9
                          18.8 21.0
                                      23.4
                                            26.8
                                                  35.2
                                                        36.4
                                                              33.5
                                                                    30.5
                                                                          27.2
## 7236
         19.6 14.0 12.7 16.5 21.5
                                      24.3
                                            28.0
                                                  35.1
                                                        35.0
                                                              34.7
                                                                    31.0
                                                                         27.0
## 7237
         21.5 14.8 16.0 15.4 19.3
                                      25.6
                                            28.9
                                                  34.1
                                                        35.6
                                                              34.6
                                                                    33.4
                                                                          23.2
## 7238
         17.4 13.0 13.3 12.3
                                18.7
                                      24.0
                                            24.6
                                                  32.8
                                                        35.9
                                                              36.0
                                                                    31.7
                                                                          24.3
                                      23.5
## 7239
         19.1 13.4 13.8
                          15.0 18.0
                                            30.1
                                                  33.3
                                                        37.2
                                                              37.3
                                                                    33.1
                                                                         27.2
## 7240
         19.9 13.2 13.5
                          16.1
                                17.8
                                      24.8
                                            28.4
                                                  35.2
                                                        34.3
                                                              33.7
                                                                    31.8
## 7241
         21.2 14.8 14.1
                            5.3
                                 8.4
                                       8.8
                                            17.1
                                                  18.0
                                                        21.6
                                                              26.9
                                                                    22.0
                                                                         19.5
## 7242
                                  8.2
                                       5.9
                                            11.0
                                                  21.9
                                                        23.2
         15.3
                9.0
                      2.5
                            0.0
                                                              23.9
                                                                    23.4
                                                                          22.1
## 7243
         14.5
                5.8
                      4.9
                            2.0
                                  6.8
                                       6.8
                                            15.6
                                                  20.4
                                                        21.8
                                                              24.8
                                                                    24.7
                                                                          24.9
## 7244
         16.1
                5.9
                      6.4
                            5.3
                                  6.0
                                      12.3
                                            12.5
                                                  21.5
                                                        22.7
                                                              26.1
                                                                    24.2
                                                                          20.5
## 7245
         15.4 11.7
                      3.9
                                            16.6
                                                        25.6
                            8.3
                                 6.8
                                      11.6
                                                  21.3
                                                              26.4
                                                                    26.6
                                                                          23.7
                     15.4
                                      27.5
## 7246
         20.1
               11.2
                            6.5
                                24.3
                                            17.3
                                                   6.4
                                                        -2.2
                                                              -1.4
                                                                    11.3
                                                                          25.3
## 7247
         27.8
              -2.5
                    -1.6
                          10.5
                                25.8
                                                   2.9
                                                        11.7
                                                              18.3
                                                                    22.8
                                                                           9.4
                                      18.9
                                            12.7
## 7248
          8.7
               -4.2 -1.8
                          17.3
                                25.4
                                      21.0
                                            14.4
                                                   5.9
                                                        -4.5
                                                              -1.3
                                                                    13.6
                                                                           1.0
## 7249
         15.5 21.8 19.0
                          12.9
                                                        17.6
                                                              24.2
                                 8.1
                                       1.5
                                             0.1
                                                  10.1
                                                                    25.1
                                                                          24.9
## 7250
         22.7
               12.8
                     -3.1
                          19.4
                                24.0
                                      26.5
                                            20.4
                                                  14.3
                                                        -0.8
                                                              -2.8
                                                                    13.8
                                                                          17.6
         24.8 26.5 24.1 23.3 14.9
                                                  27.1
## 7251
                                       4.5
                                            27.0
                                                        25.0
                                                             22.1
                                                                   10.1
                                                                           0.5
## 7252
          6.1 14.0 18.3 24.8 27.7
                                      22.7
                                            22.4
                                                   8.0
                                                         0.7
                                                               9.5 23.1
                                                                          27.1
         26.6 25.2 21.3
## 7253
                          3.1 -0.9 14.5 24.8 10.6
                                                         0.5 12.2 17.2 26.6
```

```
8.8
                                               1.2
## 7254
          26.6 24.9 19.3 11.9
                                        1.5
                                                      6.4 22.7 15.0
                                                                        7.9
## 7255
          19.1 27.3
                      21.0
                           15.3 12.0
                                        20.2
                                              21.6
                                                    28.0
                                                           26.3
                                                                 24.2
                                                                       15.5
                                                                             28.5
                                                          17.8
## 7256
          19.5
               10.6
                       7.9
                           18.0
                                 27.4 28.0
                                               10.1
                                                     10.2
                                                                 22.0
                                                                       26.4
                                                                             27.8
## 7257
                             6.2
                                                     27.0
          14.9
                 8.7
                       8.1
                                  17.1
                                        21.4
                                               26.4
                                                           27.9
                                                                 24.6
                                                                       20.6
                                                                             12.2
## 7258
          15.6
                 7.5
                      12.8
                           16.8
                                  24.0
                                         3.0
                                               -0.9
                                                     13.6
                                                           17.3
                                                                 24.1
                                                                       25.0
                                                                             26.0
## 7259
          22.9
               16.1
                       9.6 10.6
                                   1.1
                                        -3.2
                                               -0.8
                                                      8.6
                                                           20.4
                                                                  2.3
                                                                       -5.2
                                                                             18.6
           4.6
                 0.4
                       3.0
                           11.2 16.6
                                        13.9
                                               0.9
                                                    -3.9
                                                           17.8
## 7260
                                                                  6.0
                                                                        2.1
           3.0
                                                                -1.2
                 9.9 16.8
                           16.9
                                  14.2
                                         0.8
                                               -6.0
                                                      7.2
## 7261
                                                          18.2
                                                                       -6.8
                                                                              6.6
## 7262
          14.5
               19.0
                      13.2
                             7.2
                                  -0.3
                                        -4.7
                                                6.9
                                                     10.3
                                                           18.0
                                                                 21.9
                                                                       14.9
                                                                             -3.9
           0.5
               15.0
                                               8.8
## 7263
                       5.4
                            16.7
                                  18.6
                                        16.3
                                                    -1.6
                                                          19.1
                                                                 19.6
                                                                       13.5
                                                                              9.4
## 7264
           4.9
                -0.7
                      16.3
                            21.4
                                  16.9
                                        13.4
                                                5.9
                                                    -2.2
                                                           -8.2
                                                                 12.5
                                                                       19.0
                                                                             17.3
               -2.7
                            17.1
## 7265
          -0.8
                       4.0
                                  -0.8
                                        -4.3
                                               9.1
                                                     17.2
                                                           19.7
                                                                 20.0
                                                                       13.8
                                                                              3.2
                                                            7.9
## 7266
          -2.4
                -9.7
                       3.3
                             8.5
                                  18.9
                                        21.1
                                               19.1
                                                     16.1
                                                                  3.4
                                                                       -2.4
                                                                             -2.6
## 7267
           4.9
               11.4
                      24.6
                            22.6
                                   3.3
                                         2.0
                                                           16.6
                                                                 22.1
                                                1.1
                                                     12.7
                                                                       23.1
                                                                             23.2
## 7268
          19.6
                15.9
                       6.8
                             9.4
                                  -0.1
                                        -7.2
                                               16.1
                                                     16.3
                                                           12.1
                                                                  2.5
                                                                       -4.7
                                                                             11.0
## 7269
          -6.8
                10.1
                      15.4
                            22.0
                                  18.5
                                        11.4
                                               5.7
                                                     -4.5
                                                            0.7
                                                                 14.7
                                                                       18.2
                                                                              3.0
## 7270
          23.0
                -6.1
                       8.9
                            23.1
                                  20.2
                                        -5.1
                                               -2.8
                                                      8.1
                                                           24.1
                                                                  4.4
                                                                       -2.8 -10.0
## 7271
           9.3
               15.4
                      24.2 23.2
                                  23.2
                                        19.2
                                               11.7
                                                      4.8
                                                           -0.8
                                                                 -5.6
                                                                       25.0
                                                                              7.2
## 7272
          21.0
               15.0
                      23.1
                           10.1
                                  15.3
                                        23.6
                                               26.2
                                                     27.8
                                                           12.4
                                                                  8.9
                                                                       22.9
                                                                             17.5
## 7273
          21.5
               25.4
                      24.7
                            12.7
                                  16.7
                                         8.4
                                               21.6
                                                     25.0
                                                           28.3
                                                                 24.7
                                                                       11.2
                                                                              8.9
                                                                  8.0
## 7274
          10.5
               17.5
                      21.8 27.0
                                 30.2
                                        27.8
                                               24.4
                                                     16.7
                                                           12.5
                                                                        8.3
                                                                             12.5
## 7275
          18.7
               25.0
                      26.7
                            26.9
                                  23.9
                                        16.9
                                                9.0
                                                      9.6
                                                           10.7
                                                                 17.0
                                                                       21.7
                                  12.1
                                               7.9 -8.6
## 7276
          25.4 26.0
                      23.6
                           20.1
                                        15.1
                                                           -3.9
                                                                 -2.7
                                                                        3.6
                                                                              7.1
## 7277
          12.9
               14.7
                       8.6
                             1.7
                                  -6.2 -11.7 -12.8 -16.1
                                                           -4.7
                                                                  1.1
                                                                        7.4
                                                                             14.1
                       8.6 -0.1
                                                                             14.4
          15.4 13.7
                                  -8.4 - 12.7
                                               -3.8
                                                    -1.8
                                                            2.7
                                                                  6.8
                                                                       13.3
## 7278
## 7279
          12.1
                 7.5
                       0.5 - 3.2
                                  -5.3
                                        -4.0
                                               -6.0
                                                    -1.6
                                                            1.9
                                                                  6.2
                                                                       14.8
## 7280
           9.7
               -1.5
                      -8.4 -13.1
                                  -6.0
                                        -4.8
                                               -5.3
                                                    -0.3
                                                          10.0
                                                                 14.6
                                                                       16.8
                                                                             14.2
## 7281
                 5.3
                       2.4 -4.6
                                  -0.1
                                        -2.8
                                                           14.5
          10.1
                                               4.8
                                                     10.3
                                                                 18.0
                                                                       15.7
                                                                             10.0
                                        -3.9
## 7282
           5.7
               -6.2 -8.1 -12.1
                                  -1.6
                                                3.6
                                                     11.0
                                                           16.1
                                                                 17.6
                                                                       16.6
                                                                              5.9
## 7283
           2.2 -3.0
                     -6.9 - 8.4
                                  -7.3
                                        -0.4
                                                3.5
                                                     10.4
                                                           15.3
                                                                 16.9
                                                                       15.0
                                                                              9.9
                                  -7.7
                                        -5.2
## 7284
           1.7 -10.4 -5.2 -14.7
                                                1.6
                                                      9.6
                                                           12.7
                                                                 15.4
                                                                       12.5
                                                                              9.6
## 7285
           2.4 -10.8 -7.3 -10.8 -10.1 -11.4
                                                3.9
                                                      9.3
                                                           14.5
                                                                 15.0
                                                                       14.7
                                                                              9.4
## 7286
           1.0 -1.9 -8.4 -13.3 -9.1
                                        -2.5
                                                0.3
                                                      7.7
                                                           12.2
                                                                 13.7
                                                                       13.0
                                                                              8.7
                                               0.9
                                                                       13.0
## 7287
          -2.8 -7.5 -12.3 -12.1 -11.0
                                        -6.6
                                                      9.0
                                                           13.5
                                                                 17.1
                                                                              8.8
## 7288
           3.6
               -9.6 -9.9
                           -7.7
                                  -3.6
                                        -3.1
                                                2.6
                                                      9.7
                                                           12.4
                                                                 13.7
                                                                       13.9
                                                                              9.3
## 7289
           2.8 -5.6 -13.1 -9.8 -11.0
                                        -4.6
                                               2.2
                                                      8.8
                                                           13.4
                                                                 14.6
                                                                       12.6
                                                                              8.9
## 7290
           1.8 -12.5 -8.2 -17.7
                                  -5.3
                                        -8.0
                                                3.3
                                                      7.4
                                                           13.0
                                                                 13.7
                                                                       12.7
                                                                              7.5
## 7291
           0.1
               -7.4 -10.9 -6.3
                                  -4.7
                                        -6.4
                                               -3.4
                                                      6.8
                                                          15.9
                                                                 16.7
                                                                       14.0
                                                                              8.5
## 7292
           4.0 -8.5 -11.3 -1.8
                                  -8.4
                                        -4.3
                                                2.1
                                                     10.6
                                                          12.1
                                                                 15.2
                                                                       13.5
                                                                              9.4
          -0.2 -1.9 -3.1 -8.0
## 7293
                                  -5.0
                                        -3.0
                                               3.9
                                                     11.2 15.3
                                                                 15.2
                                                                       13.7
                                                                              6.9
## 7294
               -5.0 -7.4 -3.3
                                  -1.5
                                        -0.5
                                                6.2
                                                     11.4
                                                          14.9
                                                                              9.2
           4.3
                                                                 16.9
                                                                       15.1
## 7295
           1.4
               -4.2 -10.1 -13.0
                                 -8.4
                                        -7.0
                                               5.3
                                                      9.3
                                                          14.1
                                                                 16.4
                                                                       13.7
                                                                              9.5
               -7.4
                     -5.1
                           -8.9 -10.0
                                        -4.0
## 7296
           1.9
                                                2.9
                                                      8.0
                                                           13.4
                                                                 16.4
                                                                       13.4
                                                                             10.6
           5.2 -1.8 -6.2 -9.9 -9.6
                                         1.0
                                                           16.4
                                                                 18.5
## 7297
                                                3.2
                                                      9.2
                                                                       15.0
                                                                             10.1
## 7298
                 0.1 -7.0 -18.3 -8.3
                                        -7.1
           3.4
                                               1.5
                                                     10.4
                                                           13.5
                                                                 16.5
                                                                       14.8
                                                                              9.6
           1.6 -7.7 -7.1 -6.7 -11.5
                                        -9.1
## 7299
                                               0.5
                                                                              7.6
                                                      9.1
                                                           14.3
                                                                 15.4
                                                                       13.6
           1.6 -11.4 -11.0 -8.4
## 7300
                                   6.4
                                        11.6
                                               12.9
                                                     24.2
                                                           24.5
                                                                 27.2
                                                                       28.0
                                                                             23.7
## 7301
          18.5 10.9
                       6.4
                             6.2
                                   8.4
                                        13.7
                                               18.5
                                                           27.4
                                                                 26.0
                                                                       23.5
                                                     23.3
                                                                             18.2
## 7302
          10.2
                 6.9
                       8.9
                             7.4
                                  13.3
                                        19.8
                                               24.4
                                                     29.4
                                                           26.6
                                                                 23.9
                                                                       16.9
                                                                              7.5
                                        27.1
## 7303
           5.3
                 9.0
                      11.1
                            10.9
                                  18.0
                                               26.7
                                                     24.2
                                                           18.6
                                                                 13.5
                                                                        8.9
                                                                              7.1
## 7304
          10.8 13.0
                      19.0
                            22.5
                                  16.7
                                        11.5
                                               7.7
                                                     10.7
                                                           13.7
                                                                 22.1
                                                                       27.7
                                                                             25.5
## 7305
          15.6 11.0
                       7.5
                             7.9
                                   8.0
                                        11.1
                                              13.4
                                                    14.1
                                                           21.2
                                                                27.6
                                                                       24.5
                                                                             16.7
## 7306
          10.3
                 8.8
                       7.6
                             9.6 15.1
                                        19.8
                                              24.0
                                                     26.4
                                                           24.8
                                                                 18.4
                                                                       12.0
                                                                              8.7
                                        25.4 25.9
## 7307
           8.2
                 9.4 12.3 15.8 26.2
                                                   16.4
                                                            8.7
                                                                  8.6
                                                                        6.8
                                                                              8.3
```

```
## 7308
          14.3 13.1
                       23.5
                            27.2 27.2
                                          24.5
                                               19.8 11.8
                                                              7.9
                                                                    7.2
                                                                         11.0 11.4
## 7309
          15.8
                19.8
                       24.4
                             25.8
                                   27.4
                                          23.7
                                                18.3
                                                       12.3
                                                              8.0
                                                                   10.7
                                                                           9.8
                                                                                12.4
                       26.0
## 7310
          11.5
                26.6
                             25.5
                                   20.5
                                           9.8
                                                 7.7
                                                        6.5
                                                             16.1
                                                                   17.0
                                                                          20.1
                                                                                24.1
## 7311
                23.3
                             11.4
                                    9.4
                                                             14.2
          27.0
                       16.9
                                           8.3
                                                11.6
                                                       13.2
                                                                   19.1
                                                                          29.8
                                                                                21.9
## 7312
          17.0
                 8.2
                       26.6
                             30.3
                                   23.3
                                          17.2
                                                10.6
                                                        7.5
                                                              7.3
                                                                   15.7
                                                                          21.2
                                                                                25.5
## 7313
          21.7
                 7.3
                        9.8
                            14.8 21.3
                                          25.4
                                                28.5
                                                       28.6
                                                             24.3
                                                                   17.6
                                                                         12.6
                                                                                 8.7
                24.1
                       29.0
                             27.2
                                   24.8
                                          16.8
                                                10.8
                                                        6.3
                                                              8.2
                                                                    9.8
## 7314
          15.1
                                                                         11.1
                                                                                12.3
          15.8
                24.0
                       28.3
                             26.0
                                   23.0
                                                        8.4
                                                                    8.8
## 7315
                                          18.1
                                                11.2
                                                              8.3
                                                                         10.4
                                                                                13.6
## 7316
          15.9
                22.3
                       26.6
                             26.8
                                   25.7
                                          17.5
                                                 9.5
                                                        8.4
                                                              7.9
                                                                   10.4
                                                                         10.1
                                                                                14.5
          19.9
                23.9
                       26.7
                             27.6
                                   24.8
                                          18.6
                                                12.0
## 7317
                                                        7.0
                                                              7.3
                                                                    9.7
                                                                         13.2
                                                                                17.3
                       29.5
## 7318
          21.0
                25.5
                             26.2
                                   22.8
                                          17.0
                                                12.4
                                                        7.6
                                                             11.1
                                                                   10.6
                                                                         13.1
                       29.0
                             26.9
## 7319
          20.9
                26.2
                                   24.2
                                          19.0
                                                12.4
                                                       10.4
                                                             10.3
                                                                   13.5
                                                                          15.9
                                                                                17.6
## 7320
          21.5
                29.3
                       29.7
                             27.6
                                   24.2
                                          20.9
                                                10.3
                                                        7.8
                                                              9.1
                                                                   12.7
                                                                          13.8
                                                                                18.0
## 7321
          21.2
                26.2
                       28.7
                             28.0
                                   24.6
                                          16.2
                                                              7.2
                                                                   10.2
                                                11.6
                                                        7.1
                                                                         12.8
                                                                                14.3
## 7322
          22.0
                26.9
                       30.4
                             29.7
                                   25.1
                                          18.6
                                                11.7
                                                        8.6
                                                              9.7
                                                                   10.9
                                                                          11.1
                                                                                15.5
## 7323
          21.5
                26.7
                       30.8
                             26.5
                                   23.6
                                          18.9
                                                12.9
                                                        8.9
                                                             11.0
                                                                    7.7
                                                                          11.5
                                                                                17.4
## 7324
          18.7
                27.2
                       28.0
                             28.1
                                   24.2
                                          17.0
                                                14.4
                                                        8.8
                                                              8.7
                                                                   12.7
                                                                                16.8
                                                                          11.7
## 7325
          20.2
                25.8
                       29.0
                             29.2
                                   25.6
                                          21.9
                                                11.5
                                                        9.0
                                                              8.8
                                                                   10.4
                                                                          11.3
                                                                                16.6
          22.2
## 7326
                27.6
                       30.1
                             28.2
                                   24.8
                                          16.4
                                                12.9
                                                        8.1
                                                              9.7
                                                                   -4.7
                                                                           5.4
                                                                                 9.6
## 7327
          20.3
                 6.9
                        4.3
                             -3.9
                                   -8.2
                                          -7.1
                                                 9.7
                                                       15.0
                                                             16.5
                                                                   17.9
                                                                           4.1
                                                                                -5.1
## 7328
           7.1
                14.0
                        3.1
                             -8.7
                                   -5.1
                                           3.1
                                                12.2
                                                       19.8
                                                             19.3
                                                                    9.1
                                                                           4.1
                                                                                -0.9
## 7329
          -3.9
                -2.5
                        5.1
                             13.8
                                   21.2
                                          19.4
                                                 2.5
                                                       -4.8
                                                             -6.8
                                                                   19.7
                                                                          18.6
                                                                                 1.7
         -10.9
## 7330
                 1.4
                      11.5
                             16.4
                                   18.0
                                          14.1
                                                -8.3 -14.1
                                                              4.7
                                                                   13.2
                                                                          15.9
                                                                                19.3
## 7331
          18.8
                 8.7
                        4.8
                             -5.2
                                   -5.1
                                          10.8
                                                20.4
                                                       20.8
                                                             16.6
                                                                   10.3
                                                                                -4.1
                                                                           6.4
                                           1.9
          -3.0
                19.2
                      17.8
                            17.2
                                   11.0
                                                -6.7
                                                       -6.3
                                                              0.4
                                                                                -0.9
## 7332
                                                                   14.8
                                                                         20.7
## 7333
          -9.7
                -8.0
                        3.0
                              9.6
                                   16.0
                                          20.1
                                                17.8
                                                       -0.7
                                                             -3.0
                                                                   -5.1
                                                                           2.2
                                                                                 8.2
## 7334
          15.9
                20.5
                      18.8
                             13.4
                                    6.0
                                           5.0
                                                -1.1
                                                       -2.6
                                                             -6.7
                                                                    4.6
                                                                          10.0
                                                                                17.2
## 7335
               20.4
                      15.2
                             12.3
                                          -1.3
                                                -9.7
                                                       -7.2
                                                              2.2
                                                                           7.2
          18.9
                                     3.1
                                                                   -6.3
                                                                                10.7
           5.1 -10.6
                      -2.7
                                                12.6
                                                        7.3 -11.5
                                                                    5.8
## 7336
                              8.4
                                     6.3
                                          11.3
                                                                          12.2
                                                                                21.1
                             22.0
                       27.9
## 7337
          25.1
               27.5
                                   15.1
                                          10.2
                                                 6.2
                                                        4.9
                                                             14.6
                                                                   22.6
                                                                          26.4
                                                                                25.4
## 7338
          23.7
                18.3
                      10.3
                              7.8
                                   16.2
                                          26.0
                                                26.5
                                                       25.6
                                                             22.3
                                                                   15.5
                                                                           9.1
                                                                                 7.4
## 7339
           7.3
                16.0
                       20.8
                             25.9
                                   25.2
                                          24.4
                                                22.0
                                                       16.0
                                                             11.6
                                                                    5.8
                                                                           2.8
                                                                                 3.4
                      21.5
                             26.4
## 7340
          10.1
                18.2
                                   27.6
                                          27.6
                                                23.1
                                                       15.8
                                                             11.9
                                                                     3.5
                                                                           3.4
                                                                                 8.2
## 7341
          12.2 18.1
                       21.2
                             27.2
                                   28.0
                                          27.2
                                                20.4
                                                       15.7
                                                             12.4
                                                                    8.2
                                                                           8.4
                                                                                 9.4
## 7342
          17.3
                18.2
                       23.2
                             25.3
                                   28.4
                                          25.5
                                                20.8
                                                       16.4
                                                              8.5
                                                                   10.0
                                                                           7.0
                                                                                 6.6
## 7343
           8.3
               15.2
                      19.3
                             25.1
                                   25.8
                                          24.3
                                                23.5
                                                       16.6
                                                              8.9
                                                                    7.1
                                                                           1.0
                                                                                 6.1
## 7344
           9.9
                16.5
                      21.0
                             25.7
                                   24.1
                                          26.9
                                                25.2
                                                       18.5
                                                              7.6
                                                                    8.5
                                                                           5.0
                                                                                 2.7
## 7345
          12.7
                17.2
                       22.5
                             25.7
                                   26.8
                                          25.7
                                                21.8
                                                       16.5
                                                             13.5
                                                                   12.9
                                                                           3.5
                                                                                 8.3
  7346
          14.7
                17.4
                       20.1
                             26.5
                                   27.1
                                          27.4
                                                25.0
                                                      19.4
                                                             14.1
                                                                    8.3
                                                                           9.7
                                                                                11.1
##
                             24.0
                                          25.6
                                                             12.3
## 7347
          13.3
                19.7
                       20.5
                                   27.2
                                                20.9
                                                      16.8
                                                                     6.6
                                                                                12.4
                                                                           2.3
                13.5
                       23.0
                             25.4
                                   26.8
                                          25.5
                                                25.1
                                                       18.5
                                                              8.8
                                                                    8.2
                                                                                10.5
  7348
          11.5
                                                                           5.4
## 7349
          10.9
               16.9
                       22.9
                             26.1
                                   27.1
                                          26.7
                                                27.1
                                                       17.9
                                                              8.2
                                                                   10.0
                                                                           8.1
                                                                                 8.4
  7350
                      19.2
                             24.0
                                   27.4
                                          25.4
                                                22.7
                                                             11.7
##
          15.2
               15.0
                                                       17.8
                                                                    5.6
                                                                           5.8
                                                                                 5.1
          26.1
                        7.1
                             26.6
                                   18.5
                                                 9.0
                                                       18.4
                                                             25.6
                                                                   21.4
##
  7351
                16.0
                                          12.7
                                                                          12.2
                                                                                12.5
## 7352
                       25.2
                             14.8
                                   22.9
                                          26.0
                                                24.9
                                                                     6.2
          24.9
                25.6
                                                       13.0
                                                              6.3
                                                                           7.1
                                                                                15.4
                             24.8
                                   20.9
                                          17.2
                                                                    7.3
## 7353
          19.1
                23.4
                       24.4
                                                 9.2
                                                       11.5
                                                              4.5
                                                                           4.7
                                                                                 8.9
## 7354
          18.0
                22.7
                       25.6
                             25.8
                                   19.8
                                          14.1
                                                10.6
                                                        6.5
                                                              2.1
                                                                   18.7
                                                                          23.4
                                                                                25.8
## 7355
                18.3
                        8.9
                              7.5
                                   15.0
                                                25.8
                                                              6.2
                                                                   15.5
                                                                          24.0
                                                                                24.6
          21.4
                                          18.4
                                                       24.7
## 7356
          25.9
                20.7
                       15.6
                              2.6
                                    2.3
                                          17.0
                                                21.5
                                                       24.1
                                                             15.6
                                                                    1.5
                                                                          19.9
                                                                                26.8
## 7357
                        6.4
                                          22.5
          14.4
                11.3
                              6.9
                                   20.6
                                                27.3
                                                       20.5
                                                             15.3
                                                                    4.6
                                                                          18.9
                                                                                24.0
## 7358
          23.6
                20.0
                        4.5
                             20.5
                                   24.0
                                          23.8
                                                16.4
                                                        0.0
                                                             25.3
                                                                   12.5
                                                                           3.3
                                                                                 6.3
                      23.3
                                                             26.5
## 7359
          23.2
                26.3
                             16.7
                                    9.3
                                           6.0
                                                 9.7
                                                       23.7
                                                                   21.3
                                                                           9.4
                                                                                 1.7
                                                       22.8
## 7360
           9.7
                24.8
                       25.8
                             16.2
                                    9.2
                                           4.9
                                                16.5
                                                             23.9
                                                                   23.4
                                                                           7.1
                                                                                13.6
          17.7 23.8 27.2 21.0 16.8
## 7361
                                          12.3
                                                 5.4
                                                        3.8
                                                              4.5
                                                                   14.9
                                                                         18.7
                                                                                24.1
```

```
## 7362
          26.1 26.4
                      22.3 18.6
                                    9.3
                                          9.8
                                                 3.5 19.7
                                                            22.3 11.1
                                                                          5.3
## 7363
          27.4
                12.3
                      18.6
                              8.0
                                    7.1
                                         24.5
                                                28.1
                                                      14.3
                                                             7.1
                                                                   5.6
                                                                          4.1
                                                                               16.3
                26.3
                      26.4
## 7364
          21.0
                             26.7
                                   25.5
                                         20.4
                                                12.8
                                                      12.9
                                                             5.7
                                                                  20.1
                                                                         29.0
                                                                               27.5
                23.2
                            16.6
                                   14.4
## 7365
          26.4
                      20.0
                                         15.3
                                                15.6
                                                      21.5
                                                            22.5
                                                                   25.8
                                                                         28.1
                                                                               25.2
##
  7366
          20.9
                13.7
                      13.0
                             14.2
                                   18.5
                                         18.7
                                                26.3
                                                      27.8
                                                            27.5
                                                                   26.0
                                                                         20.5
                                                                               16.1
## 7367
          10.8
               16.5
                      16.8 20.0
                                  23.4
                                         26.6
                                                27.7
                                                      27.5
                                                            24.5
                                                                  21.0
                                                                         19.1
                                                                               16.7
                      18.1
                            22.4
                                   23.4
                                         26.3
                                                27.7
                                                      26.8
                                                            27.1
                                                                   23.9
## 7368
          10.7
                13.8
                                                                         15.9
                                                                  19.2
                      17.4
                             20.0
                                   24.1
                                         24.6
                                                27.6
                                                      22.7
                                                            22.3
## 7369
           8.5
                13.9
                                                                         11.6
                                                                               12.0
## 7370
          12.5
                17.5
                      19.0
                             24.3
                                   27.5
                                         28.2
                                                27.7
                                                      23.4
                                                            19.3
                                                                  13.0
                                                                         14.5
                                                                               13.6
          16.5
                      21.5
                            27.3
                                   29.0
                                         26.8
                                                            19.7
                                                                               23.4
## 7371
                17.6
                                                28.4
                                                      14.5
                                                                   23.3
                                                                         26.1
          26.5
## 7372
                26.8
                      26.5
                            13.1
                                   20.5
                                         22.8
                                                26.8
                                                       9.1
                                                             9.9
                                                                  19.7
                                                                         24.9
## 7373
                             20.9
          28.8
                28.8
                      26.3
                                   16.5
                                          8.1
                                                10.0
                                                      15.1
                                                            18.3
                                                                  21.7
                                                                         23.8
                                                                               27.9
## 7374
          28.2
                29.4
                      26.4
                             20.6
                                   17.7
                                         16.0
                                                13.8
                                                      16.2
                                                            20.3
                                                                   21.6
                                                                         24.5
                                                                               26.2
## 7375
          28.9
                27.7
                      26.7
                             22.7
                                         15.4
                                                16.7
                                                            14.2
                                                                         22.8
                                                                               28.0
                                   15.7
                                                      15.1
                                                                  20.6
          28.0
## 7376
                28.6
                      26.7
                             22.5
                                   18.6
                                         16.7
                                                10.7
                                                      15.1
                                                            16.2
                                                                   21.7
                                                                         24.2
                                                                               26.9
## 7377
          28.0
                28.5
                      26.0
                             21.9
                                   15.0
                                         15.4
                                                12.5
                                                      11.5
                                                            18.4
                                                                  22.3
                                                                         24.4
                                                                               27.2
## 7378
          28.0
                27.0
                      25.9
                             22.4
                                   21.2
                                         19.7
                                                11.7
                                                      14.2
                                                            19.6
                                                                  20.9
                                                                         24.0
                                                                               27.7
## 7379
          29.3
                28.4
                      26.5
                            22.7
                                   17.5
                                         16.0
                                                15.4
                                                      16.9
                                                            17.3
                                                                  21.3
                                                                         23.9
                                                                               25.2
## 7380
          27.3
                27.1
                      25.8
                            23.7
                                   18.7
                                         14.9
                                                10.8
                                                      18.9
                                                            16.5
                                                                  20.3
                                                                         23.5
                                                                               26.4
## 7381
          26.8
                27.0
                      27.3
                            23.6
                                   17.5
                                         14.6
                                                13.2
                                                      18.2
                                                            17.0
                                                                  20.5
                                                                         25.3
                                                                               27.9
          27.8
                                                                  21.3
## 7382
                28.1
                      27.4
                            24.6
                                  16.6
                                         17.0
                                                15.6
                                                      15.6
                                                            21.2
                                                                         23.4
                                                                               25.8
## 7383
          28.5
                28.4
                      27.3
                            24.9
                                   21.2
                                         12.8
                                                13.9
                                                      15.6
                                                            18.7
                                                                  19.9
                                                                         24.0
                                                                               27.2
          27.8 28.3
                      26.2 23.4
## 7384
                                   15.8
                                         17.9
                                                13.1
                                                       2.9
                                                            -0.5
                                                                   2.5
                                                                          8.0
                                                                               12.7
## 7385
          16.8 22.5
                      20.5
                            16.3
                                   11.1
                                           9.3
                                                 4.4
                                                       0.9
                                                            -2.8
                                                                    2.5
                                                                               13.8
                                                                          6.4
          18.1
                            18.1
               20.2 21.1
                                          7.4
                                                       0.9
                                                                               12.0
## 7386
                                   14.3
                                                 2.3
                                                             0.7
                                                                    3.2
                                                                          8.1
  7387
          19.8
               21.2
                      20.7
                             18.3
                                   11.7
                                           6.4
                                                 3.8
                                                      -2.2
                                                             1.1
                                                                    3.2
                                                                         10.0
                                                                               14.4
## 7388
          16.8
                20.9
                      22.2
                            16.5
                                   10.6
                                          9.0
                                                 0.6
                                                      -1.3
                                                             0.1
                                                                    5.2
                                                                          9.9
                                                                               15.1
  7389
          23.7
                27.4
                      25.3
                            18.9
                                          7.0
                                                      -1.7
                                                             0.0
##
                                   14.8
                                                 0.5
                                                                    5.8
                                                                          9.0
                                                                               13.4
          18.2 22.8
                      24.0 21.2
                                                       2.3
## 7390
                                   14.3
                                         11.2
                                                 5.2
                                                             2.7
                                                                   10.6
                                                                         12.7
                                                                               14.7
## 7391
          18.0
                22.6
                      22.4
                            17.7
                                   14.7
                                           6.6
                                                 4.4
                                                       1.8
                                                             1.1
                                                                    4.1
                                                                          8.3
                                                                               14.0
                                           7.4
## 7392
          19.2
               24.0
                      20.9
                             20.1
                                   13.1
                                                 3.6
                                                      -1.8
                                                            -0.6
                                                                    3.2
                                                                          7.8
                                                                               13.8
## 7393
          18.6
               24.7
                      20.3
                             18.3
                                   14.5
                                          7.1
                                                 4.8
                                                      -1.4
                                                            -5.1
                                                                  14.9
                                                                         17.2
                                                                               23.0
                                                      19.3
## 7394
          19.7
                12.1
                        1.6
                              7.4
                                   13.3
                                         18.7
                                                23.4
                                                            13.1
                                                                    8.1
                                                                          9.5
                                                                               18.7
## 7395
          21.0
                15.8
                      -0.7
                              6.9
                                   14.5
                                         18.2
                                                22.7
                                                      24.0
                                                            19.4
                                                                  12.4
                                                                          6.7
                                                                                0.0
## 7396
           0.8
                 5.5
                        9.2
                             16.8
                                   18.7
                                         23.8
                                                22.5
                                                      21.4
                                                            15.2
                                                                    6.7
                                                                          3.5
                                                                                4.0
## 7397
           3.2
                 9.0
                       7.4
                            15.7
                                   23.2
                                         24.5
                                                25.0
                                                      18.7
                                                            13.3
                                                                  11.6
                                                                          4.4
                                                                                1.3
## 7398
           0.9
                -2.5
                        2.1
                            14.5
                                   19.4
                                         23.3
                                                21.2
                                                      14.9
                                                             8.0
                                                                   5.0
                                                                          1.5
                                                                                7.1
## 7399
          16.3 21.4
                      21.9
                            18.2
                                   13.8
                                          3.0
                                                -2.4
                                                      -3.0
                                                            -5.5
                                                                  10.1
                                                                         13.1
                                                                               20.1
## 7400
          21.8
               20.5
                      17.3
                              9.3
                                    3.5
                                         -3.8
                                                -8.6
                                                      -2.4
                                                             8.0
                                                                  19.2
                                                                         19.3
                                                                                8.5
                                   16.0
                                         20.4
                                                23.7
                                                      23.3
                                                            16.5
## 7401
          -4.1
                -2.7
                        4.3
                            11.4
                                                                  11.5
                                                                          4.8
                                                                               -4.2
## 7402
          -6.0
               -4.2
                        0.4
                              7.5
                                   15.1
                                         19.7
                                                24.6
                                                      21.2
                                                            16.0
                                                                  11.1
                                                                          6.4
                                                                                0.8
## 7403
          -1.8 -0.8
                      10.2
                              8.3
                                   17.1
                                         21.0
                                                25.5
                                                      21.2
                                                            16.6
                                                                  10.4
                                                                          3.8
                                                                                0.9
               -4.0
                      -1.1
                                   16.0
                                                22.6
                                                      20.3
                                                            16.5
## 7404
          -2.9
                              6.3
                                         19.0
                                                                  11.1
                                                                          2.7
                                                                               -4.1
## 7405
          -9.2 -8.5
                      -3.4
                                   14.5
                                         20.5
                                               19.3
                                                      20.8
                                                            16.4
                                                                   9.8
                                                                               -0.2
                              8.4
                                                                          1.1
## 7406
          -6.2 -11.2
                        0.5
                                   16.5
                                         19.2
                                                      20.5
                              8.7
                                                21.4
                                                            19.1
                                                                  11.0
                                                                          7.1
                                                                                4.0
          -3.3 -1.4
                        4.5
                              7.2
                                         20.7
                                                23.2
                                                            18.9
## 7407
                                   15.2
                                                      23.2
                                                                  12.6
                                                                          6.9
                                                                               -2.2
## 7408
          -1.6
                 1.8
                        1.8
                             11.6
                                   14.3
                                         21.7
                                                22.8
                                                      20.0
                                                            17.4
                                                                  13.2
                                                                          3.5
                                                                               -4.0
## 7409
          -4.4
                -1.5
                        0.5
                              4.5
                                         20.6
                                                23.1
                                                            18.5
                                                                    9.7
                                                                               -0.2
                                   18.1
                                                      22.6
                                                                          1.1
## 7410
          -6.1
                -3.6
                        0.0
                              8.4
                                   13.5
                                         19.0
                                                23.3
                                                      20.5
                                                            19.0
                                                                  10.3
                                                                          0.6
                                                                                0.8
                -2.9
## 7411
          -0.6
                        3.9
                              6.8
                                   14.3
                                         20.8
                                                24.6
                                                      21.8
                                                            16.3
                                                                   8.8
                                                                          7.4
                                                                                0.2
## 7412
          -2.6
                -6.7
                        5.3
                              9.4
                                  14.5
                                         21.8
                                                22.2
                                                      22.8
                                                            18.2
                                                                  14.1
                                                                          3.7
                                                                                2.1
                       15.2
## 7413
          -6.3
               10.1
                            15.6
                                  12.7
                                         14.2
                                                17.3
                                                      17.2
                                                            14.3 -10.1
                                                                         -4.0
                                                                               -0.8
                                                       3.4
                                                                               -0.5
## 7414
           4.2
                 9.0
                      13.2
                            16.4
                                   17.3
                                         13.2
                                                 9.1
                                                            -1.8
                                                                  -7.2
                                                                         -3.7
                                                 5.3
                                                     -1.8 -0.8 -4.1
## 7415
           5.6
                 7.8 14.2 18.1 15.5
                                          9.7
                                                                          0.9
                                                                                6.1
```

```
## 7416
          10.8 14.6 19.1 16.7 13.9
                                           9.0
                                                 6.7
                                                        1.3 -3.8
                                                                  -6.8
                                                                         -0.2
                                                                                 3.7
## 7417
           9.7
                14.6
                      17.6
                             16.6
                                   13.6
                                           9.9
                                                 3.4
                                                      -3.8
                                                             -3.7
                                                                   -4.0
                                                                         -1.6
                                                                                 5.6
                14.6
                             16.4
                                                                   -4.2
## 7418
           9.2
                      18.3
                                   13.2
                                           8.0
                                                 3.3
                                                      -1.4
                                                             -7.6
                                                                         -1.5
                                                                                 4.9
## 7419
               13.5
                                                      -2.1
                                                             -3.2
                                                                   -2.1
           9.5
                      15.9
                             17.8
                                   12.1
                                           6.6
                                                 5.3
                                                                           2.0
                                                                                 7.0
## 7420
          11.1
                14.9
                       18.5
                             17.3
                                   14.8
                                           8.6
                                                 3.7
                                                      -0.9
                                                             -5.6
                                                                   -5.4
                                                                          -0.5
                                                                                 4.6
## 7421
           9.4
               13.4
                      18.0
                             14.5
                                     9.5
                                           5.1
                                                 0.7
                                                      -3.0
                                                             -2.6
                                                                    2.2
                                                                           5.6
                                                                                10.5
## 7422
                18.5
                      18.8
                             -0.2
                                   -5.9
                                           6.6
                                                 8.6
                                                      12.6
                                                            17.8
                                                                   22.7
          14.2
                                                                          27.8
          29.7
                27.4
                                           5.4
                                                 9.7
                                                      10.2
                                                            17.8
                                                                   24.6
## 7423
                      18.3
                             10.5
                                     5.7
                                                                         26.8
                                                                                31.2
## 7424
          32.7
                27.1
                       22.2
                              9.7
                                    7.4
                                          10.2
                                                 9.3
                                                      13.6
                                                             17.7
                                                                   19.0
                                                                          27.6
          30.6
                      18.3
                             12.8
                                           7.3
                                                12.3
                                                             20.9
                                                                   25.4
                                                                                32.6
## 7425
                27.7
                                     6.7
                                                      11.2
                                                                         27.3
          30.0
                26.9
## 7426
                       20.2
                             14.0
                                     6.6
                                           5.1
                                                 6.5
                                                      12.3
                                                             15.7
                                                                   21.2
                                                                          27.6
                27.1
                       21.0
                                                 7.6
                                                      17.4
## 7427
          30.4
                             11.7
                                     8.9
                                           9.3
                                                             23.5
                                                                   29.7
                                                                          31.2
                                                                                30.1
## 7428
          28.6
                18.5
                       10.3
                              7.7
                                     6.4
                                          12.8
                                                13.8
                                                      17.4
                                                             20.8
                                                                   29.9
                                                                          31.6
                                                                                30.2
## 7429
          26.7
                 9.4
                        8.2
                              7.8
                                   11.2
                                                16.9
                                                      25.5
                                                             28.9
                                                                                27.2
                                          11.1
                                                                   31.6
                                                                          32.5
## 7430
          21.1
               11.9
                        9.3
                              8.0
                                    8.7
                                          14.0
                                                20.4
                                                      22.3
                                                             30.4
                                                                   34.1
                                                                          30.6
                                                                                25.4
## 7431
          20.1
                11.9
                        8.6
                              5.0
                                    7.8
                                          15.4
                                                18.8
                                                      23.0
                                                             29.3
                                                                   32.8
                                                                          31.3
                                                                                27.8
## 7432
          18.9 11.7
                        6.8
                              7.3
                                   10.6
                                          13.4
                                                18.4
                                                      22.7
                                                             30.6
                                                                   32.8
                                                                          30.9
                                                                                24.2
## 7433
          17.8 10.2
                        5.8
                              6.8
                                    9.9
                                          10.7
                                                21.3
                                                      21.4
                                                             27.9
                                                                   31.3
                                                                          32.1
                                                                                27.4
## 7434
          20.4 14.1
                        7.7
                                   13.2
                                         12.2
                                                14.7
                                                      24.4
                                                             24.4
                                                                   32.4
                                                                         30.1
                                                                                27.1
                              5.1
## 7435
          21.1
                12.8
                        7.1
                              5.6
                                    7.6
                                          11.3
                                                16.6
                                                      21.6
                                                             27.2
                                                                   32.6
                                                                          30.9
                                                                                25.8
## 7436
          22.2
                 9.9
                        7.4
                              8.3
                                    9.7
                                          11.8
                                                16.2
                                                      20.9
                                                             25.6
                                                                   31.5
                                                                         31.1
                                                                                23.8
## 7437
          21.0
               13.3
                        7.2
                              5.9
                                    7.7
                                          14.4
                                                19.1
                                                      25.3
                                                             28.8
                                                                   30.9
                                                                          32.0
                                                      22.5
## 7438
          19.1
               12.3
                        7.8
                              7.4
                                   10.3
                                          15.2
                                                13.4
                                                             26.4
                                                                   33.2
                                                                          32.4
                                                                                26.7
## 7439
          20.6
               13.7
                        5.3
                              6.8
                                   13.2
                                          14.2
                                                16.7
                                                      23.1
                                                             28.9
                                                                   31.7
                                                                          28.6
                                                                                26.5
                                                             27.4
          19.4 12.5
                              8.6
                                    8.0
                                                18.0
                                                      24.9
                                                                   32.2
                                                                         33.4
                                                                                28.1
## 7440
                        5.1
                                          11.7
                                                14.8
## 7441
          17.1
                11.9
                        7.7
                              6.7
                                   11.4
                                          12.7
                                                      24.1
                                                             28.6
                                                                   32.8
                                                                          31.6
                                                                                25.1
## 7442
          17.7
                13.1
                        6.9
                              6.9
                                    9.8
                                          13.2
                                                17.2
                                                      20.0
                                                             28.5
                                                                   33.8
                                                                          31.7
                                                                                25.3
## 7443
                10.5
                              5.7
                                   10.9
                                          17.6
          16.5
                        5.2
                                                18.4
                                                      23.6
                                                             29.3
                                                                   33.9
                                                                          30.2
                                                                                25.6
          17.5
                 9.8
                                                             29.6
## 7444
                        5.2
                              4.9
                                    9.8
                                         10.9
                                                16.8
                                                      24.8
                                                                   33.2
                                                                          30.9
                                                                                26.1
## 7445
          19.8
               11.9
                        7.9
                              5.0
                                    9.4
                                          15.3
                                                17.4
                                                      25.0
                                                             31.7
                                                                   31.6
                                                                          30.9
                                                                                28.6
## 7446
          20.7
                12.7
                        6.9
                              7.4
                                    9.3
                                          12.2
                                                13.7
                                                      22.5
                                                             28.8
                                                                   32.4
                                                                          30.8
                                                                                27.6
## 7447
          18.9
                11.7
                        9.0
                              8.3
                                   11.8
                                          11.9
                                                17.0
                                                      25.4
                                                             27.5
                                                                   30.5
                                                                          29.8
                                                                                25.9
               14.4
## 7448
          19.2
                        8.0
                              7.6
                                   12.3
                                          11.4
                                                20.3
                                                      19.8
                                                             31.1
                                                                   33.6
                                                                          32.3
                                                                                27.0
## 7449
          21.9
                14.0
                       11.1
                              8.8
                                   11.2
                                          15.5
                                                17.3
                                                      22.8
                                                             30.6
                                                                   33.6
                                                                         31.7
                                                                                26.1
## 7450
          23.2 12.3
                        6.1
                              5.1
                                    9.1
                                          13.3
                                                18.9
                                                      24.1
                                                             29.7
                                                                   32.8
                                                                          29.9
                                                                                29.6
## 7451
          21.5
               10.9
                        8.4
                              9.7
                                   11.8
                                         12.3
                                                17.5
                                                      20.6
                                                             28.8
                                                                   33.3
                                                                          32.3
                                                                                27.4
## 7452
          20.5
               13.8
                       11.5
                             10.6
                                  11.3
                                          13.6
                                                21.4
                                                      23.5
                                                             31.6
                                                                   33.7
                                                                          32.2
## 7453
          18.0
               14.4
                        9.3
                              7.6
                                   10.3
                                          12.8
                                                17.7
                                                      23.1
                                                             27.5
                                                                   31.2
                                                                         30.7
                                                                                25.5
## 7454
          17.2 10.3
                        6.9
                              8.1
                                   10.9
                                          13.6
                                                14.7
                                                      22.7
                                                             28.2
                                                                   31.4
                                                                          29.0
                                                                                28.1
                                                             28.6
## 7455
          19.9 12.9
                        8.8
                              8.4
                                   10.0
                                          14.4
                                                17.3
                                                      27.1
                                                                   31.2
                                                                         29.7
                                                                                27.6
## 7456
          17.2 11.5
                        6.7
                              6.9
                                    8.6
                                          12.7
                                                20.1
                                                      24.9
                                                             30.8
                                                                   33.3
                                                                          32.2
## 7457
          19.6 10.9
                        9.1
                             10.9
                                   13.2
                                         17.2
                                                19.0
                                                      24.8
                                                             31.1
                                                                   30.9
                                                                          32.8
                                                                                23.9
## 7458
                                   10.6
                                          12.8
                                                20.6
                                                      23.6
                                                             30.2
          18.3
               13.3
                        7.8
                              7.2
                                                                   30.5
                                                                          31.3
                                                                                27.4
## 7459
                                         14.5
                                                             29.6
                                                                   33.7
          21.7
                11.7
                        5.8
                              7.3
                                   11.3
                                                17.8
                                                      23.1
                                                                          30.5
                                                                                26.2
## 7460
               13.3
                                          17.4
                                                22.6
          23.8
                        7.8
                              6.6
                                   10.0
                                                      24.3
                                                             29.6
                                                                   34.1
                                                                          30.6
               14.1
                              7.3
                                                20.4
                                                                                27.8
## 7461
          19.6
                        8.9
                                    9.3
                                          15.8
                                                      23.6
                                                             29.9
                                                                   32.7
                                                                          31.0
## 7462
          20.7
                12.8
                        4.6
                              7.5
                                   13.3
                                          11.5
                                                17.9
                                                      21.1
                                                             27.8
                                                                   32.3
                                                                          31.0
                                                                                27.7
## 7463
          22.3
                12.9
                                   12.3
                                          13.8
                                                      25.4
                                                             28.4
                                                                          32.5
                                                                                28.7
                        8.3
                              7.7
                                                21.4
                                                                   31.5
## 7464
          21.6
                11.5
                        6.4
                              7.6
                                   10.1
                                          16.1
                                                19.7
                                                      25.0
                                                             28.1
                                                                   31.9
                                                                          31.4
                                                                                27.4
                                    9.2
## 7465
          20.6
                10.8
                        7.9
                              9.6
                                          17.1
                                                19.8
                                                      24.8
                                                             32.4
                                                                   34.1
                                                                          33.8
                                                                                28.4
## 7466
          19.6
                 9.7
                        8.6
                              8.6
                                  14.8
                                          14.4
                                                18.2
                                                      21.7
                                                             27.2
                                                                   33.5
                                                                          33.9
                                                                                28.9
                                                             30.5
## 7467
          20.8
               15.4
                        9.4
                              9.2 13.2
                                          15.4
                                                20.3
                                                      25.3
                                                                   34.1
                                                                         33.4
                                          17.2
## 7468
          19.5
               13.7
                        8.8
                              9.3
                                   11.0
                                                18.7
                                                      27.6
                                                             29.1
                                                                   31.3
                                                                         32.7
                                                                                27.6
## 7469
          19.8 13.6
                        7.8
                              9.4
                                    9.7
                                          13.8 16.2 21.1 26.8
                                                                  33.4
                                                                         33.3
                                                                                26.5
```

```
## 7470
          19.1 12.5
                        8.7 10.1 11.5 15.8 16.0 24.1
                                                            29.6
                                                                  31.3
                                                                         31.1
                                                                               27.5
## 7471
          22.1
               15.0
                        9.4
                            10.8
                                  12.0
                                         14.9
                                                21.9
                                                      27.1
                                                            31.6
                                                                  33.5
                                                                         32.5
                                                                               27.6
## 7472
          19.8
                10.1
                        9.7
                              8.0
                                   10.0
                                         15.9
                                                18.4
                                                      28.1
                                                            31.1
                                                                  32.4
                                                                         33.3
                                                                               29.6
## 7473
          22.3
                14.9
                        7.6
                              8.0
                                   11.0
                                         13.2
                                                21.1
                                                      24.4
                                                            31.2
                                                                  34.8
                                                                         32.5
                                                                               28.3
## 7474
          19.8
               13.9
                        8.7
                            12.4
                                   11.0
                                         15.4
                                                17.1
                                                      25.5
                                                            31.0
                                                                  34.9
                                                                         32.4
                                                                               29.1
## 7475
          24.1
               11.6
                        8.9
                              8.7
                                    9.4
                                         19.3
                                               20.0
                                                      26.2
                                                            31.2
                                                                  33.9
                                                                         32.1
                                                                               27.6
                            10.8 11.8
                                                18.8
                                                      26.2
                                                            29.5
## 7476
          20.2 12.1
                        9.6
                                         15.4
                                                                  35.2
                                                                         32.0
                                                                               27.8
                                         12.9
                                                19.3
                                                      27.3
## 7477
          21.4 15.3
                      10.1
                            10.1
                                   12.2
                                                            32.5
                                                                  34.8
                                                                         32.8
                                                                               27.3
## 7478
          20.0
               14.7
                        8.7
                              7.9
                                   12.7
                                         18.0
                                                21.5
                                                      26.9
                                                            31.9
                                                                  35.3
                                                                         33.6
                                                                               28.2
## 7479
          21.1
                16.1
                        7.5
                              7.9
                                   11.4
                                         16.2
                                                20.0
                                                      23.6
                                                            31.5
                                                                  34.3
                                                                         33.9
                                                                               29.4
## 7480
          21.9
                16.1
                        7.9
                            10.6
                                   11.2
                                         15.6
                                                19.0
                                                      28.7
                                                            28.6
                                                                  34.9
                                                                         32.6
## 7481
          19.4
                15.1
                        7.6
                              9.3
                                   11.4
                                         14.6
                                                17.8
                                                      22.0
                                                            30.9
                                                                  35.6
                                                                         33.0
                                                                               29.5
## 7482
          21.3
                13.5
                      10.7
                              9.5
                                   10.2
                                         15.9
                                                19.1
                                                      22.2
                                                            29.8
                                                                  33.1
                                                                         34.4
                                                                               28.9
          21.4
                             10.4
                                   12.1
                                         15.9
                                                20.6
                                                                  33.1
## 7483
                12.6
                        7.9
                                                      27.0
                                                            31.8
                                                                         33.7
                                                                               29.7
## 7484
          22.1
                15.6
                        9.5
                              7.6
                                   10.8
                                         18.2
                                                21.1
                                                      25.5
                                                            33.0
                                                                  34.6
                                                                         31.8
                                                                               27.2
## 7485
          19.2
                14.3
                        8.6
                            11.7
                                   13.9
                                         17.3
                                                21.0
                                                      25.9
                                                            31.9
                                                                  34.3
                                                                         31.2
                                                                               29.7
          23.7
                15.2
                      10.6
                            11.2
                                   15.5
                                         19.2
                                                20.7
                                                            33.5
                                                                  32.8
## 7486
                                                      23.7
                                                                         34.0
                                                                               30.7
## 7487
          23.5
                12.5
                        8.4
                              9.0
                                  14.2
                                         18.0
                                                20.4
                                                      24.2
                                                            34.3
                                                                  35.4
                                                                         33.1
                                                                               28.2
## 7488
          23.3
               16.1
                        9.0
                              9.5
                                  13.9
                                         18.7
                                                21.1
                                                      25.4
                                                            33.7
                                                                  35.5
                                                                         33.4
                                                                               27.9
## 7489
          22.1
                17.0
                      10.9
                            11.8
                                   12.2
                                         15.3
                                                22.8
                                                      26.2
                                                            33.0
                                                                  35.5
                                                                         34.9
                                                                               31.3
## 7490
          21.2
               14.1
                        9.9
                            10.2
                                    8.7
                                         15.6
                                                21.7
                                                      21.8
                                                            31.0
                                                                  34.5
                                                                         34.6
                                                                               28.7
## 7491
          19.2
                14.7
                        9.3
                            10.4
                                  12.2
                                         14.8
                                                20.7
                                                      27.0
                                                            30.3
                                                                  34.9
                                                                         35.3
                                                                               30.2
## 7492
          23.7
                14.8
                        9.2
                              9.6
                                  12.5
                                         14.2
                                                      26.0
                                                            33.5
                                                                  34.9
                                                                         33.9
                                                                               30.0
                                                21.8
          19.7
                17.5
                        9.9
                              9.6 -20.4 -16.5
                                                -3.3
                                                             9.8
## 7493
                                                       4.7
                                                                  17.7
                                                                         19.7
                                                                               17.2
## 7494
          13.9
                12.0 -0.4 -16.1 -11.7 -11.4
                                               -9.3
                                                       3.9
                                                            12.6
                                                                  15.4
                                                                         20.1
                                                                               15.4
## 7495
          10.6
                 6.1
                      -2.9 -16.6 -19.0 -19.0 -10.6
                                                       3.1
                                                            11.2
                                                                  15.3
                                                                        17.3
                                                                               16.4
## 7496
           8.1
                 6.7
                      -3.9 -8.3 -23.6 -15.9
                                                -3.6
                                                       1.4
                                                             8.3
                                                                  17.1
                                                                         20.8
                                                                               17.1
                      -7.2 -13.9 -15.9 -19.2
## 7497
          16.2
                 5.2
                                                -6.6
                                                       2.2
                                                             7.3
                                                                  15.7
                                                                         18.1
                                                                               16.7
## 7498
          13.7
                      -5.1 -12.9 -15.7 -14.9
                                                -2.3
                                                       3.8
                                                             9.0
                                                                  15.2
                                                                        18.5
                 5.0
                                                                               16.3
## 7499
          13.3
                      -3.2 -13.7 -17.3 -12.0
                                                -7.4
                                                       6.2
                                                             9.7
                                                                  11.8
                                                                         18.4
                                                                               19.8
                 6.9
## 7500
          12.7
                 3.1
                      -4.0 -9.8 -19.4 -15.3
                                                -8.1
                                                       2.9
                                                             8.1
                                                                  18.3
                                                                         21.4
                                                                               18.4
## 7501
          13.1
                 6.5
                      -4.4 -15.8 -21.7 -12.4
                                                -6.0
                                                       4.1
                                                            10.1
                                                                  15.8
                                                                         16.7
                                                                               17.3
## 7502
          13.1
                 7.3
                      -4.1 -13.1 -20.9 -17.1
                                                -7.1
                                                       2.7
                                                            15.3
                                                                  17.1
                                                                         17.7
                                                                               18.7
          10.6
## 7503
                 4.4 -3.6 -15.7 -12.5 -12.7
                                                            11.2
                                                                  18.2
                                                                         20.4
                                                0.4
                                                       3.4
                                                                               20.1
  7504
          11.7
                 8.7
                      -3.8 -13.1 -18.1 -14.3
                                                -8.6
                                                       3.3
                                                             8.6
                                                                  16.3
                                                                         21.1
                                                                               16.5
##
                                                       0.6
                                                            13.1
## 7505
           9.2
                 6.2 -2.3 -8.4 -14.3 -14.0
                                                -9.4
                                                                  16.2
                                                                        21.3
                                                                               16.8
## 7506
          10.3
                 7.1 - 1.8 - 13.9 - 18.0 - 9.7
                                                -8.2
                                                       6.0
                                                            11.3
                                                                  18.1
                                                                        18.9
## 7507
          12.0
                 2.4 -6.9 -19.4 -21.0 -10.8
                                                -1.3
                                                       6.1
                                                            16.1
                                                                  16.6
                                                                        19.2
                                                                               13.9
  7508
          11.4
                 6.3 -5.2 -15.8 -19.7 -16.3
                                                -7.5
                                                       2.8
                                                            13.1
                                                                  15.5
                                                                        17.2
                                                                               13.3
##
## 7509
           6.3
                -6.4 -17.4 -22.6 -18.1
                                         -6.8
                                                            15.3
                                                                  19.1
                                                                        15.5
                                                 1.1
                                                       7.8
                                                                               11.6
                -5.4 -8.6 -16.6 -13.3
                                         -8.4
                                                 8.3
## 7510
           2.7
                                                      14.9
                                                            16.8
                                                                  20.4
                                                                         18.3
                                                                               11.6
## 7511
           3.8 -3.3 -15.2 -14.3
                                  -9.7
                                         -1.9
                                                 4.9
                                                      11.9
                                                            20.3
                                                                  19.9
                                                                         12.2
                                                                                4.5
                                   -7.4
## 7512
           1.6 -11.9 -23.6 -14.2
                                          1.9
                                                13.2
                                                      13.4
                                                            19.6
                                                                  16.4
                                                                         12.1
                                                                                7.2
          -5.8 -8.7 -11.6 -8.6
                                  -2.3
## 7513
                                          3.3
                                                9.4
                                                      16.6
                                                            20.9
                                                                  20.3
                                                                         12.8
                                                                                5.4
## 7514
          -2.1 -20.0 -17.4 -6.3
                                   -8.1
                                          6.7
                                                9.4
                                                      16.4
                                                            18.3
                                                                  19.8
                                                                          9.4
                                                                                6.9
          -3.7 -15.9 -17.8 -15.2
## 7515
                                   -2.9
                                          5.4
                                                12.4
                                                      12.6
                                                            17.6
                                                                  15.6
                                                                         10.7
                                                                                5.6
## 7516
         -10.0 -17.7 -13.5 -12.8
                                   -2.4
                                          6.2
                                                13.3
                                                      15.6
                                                            19.3
                                                                  16.1
                                                                         11.3
                                                                                5.0
          -6.7 -8.9 -11.7 -5.0
## 7517
                                   -1.1
                                          8.9
                                                13.2
                                                      17.9
                                                            19.9
                                                                  16.9
                                                                         13.3
                                                                                3.9
## 7518
          -0.6 -7.2 -17.7 -16.7
                                   -5.7
                                          4.2
                                                14.6
                                                      19.7
                                                            20.3
                                                                  18.4
                                                                         12.1
                                                                                3.2
                                                            20.9
## 7519
          -3.8 -12.9 -13.3 -18.7
                                   -8.4
                                          2.2
                                                11.9
                                                      15.7
                                                                  18.5
                                                                         12.8
                                                                                6.3
                                   -2.8
## 7520
          -6.1 -18.6 -10.3 -12.4
                                          3.7
                                                9.8
                                                      17.3
                                                            18.8
                                                                  18.9
                                                                         13.1
                                                                                4.8
## 7521
          -2.2 -14.5 -17.8 -9.2
                                   -3.7
                                          7.1
                                               14.5
                                                      18.9
                                                            19.1
                                                                  19.9
                                                                         11.0
                                                                                3.4
          -6.6 -10.6 -10.9 -8.6
## 7522
                                  -4.5
                                          2.0
                                                12.8
                                                      14.3
                                                            15.2
                                                                  15.7
                                                                                4.7
                                                                         11.7
## 7523
          -3.7 -13.0 -15.2 -12.7
                                  -3.6
                                          3.7 10.4 14.8
                                                           18.0
                                                                  18.3
                                                                          9.2
                                                                                3.0
```

```
## 7524
          -5.1 -10.5 -22.1 -14.7 -1.6
                                          3.7 12.3 17.8 18.2 16.6
                                                                                8.6
## 7525
          -0.6 -7.2 -12.4 -14.2
                                   -2.8
                                               11.4
                                                     20.1
                                                            18.8
                                                                  19.4
                                                                                5.3
                                          1.1
                                                                        11.8
          -9.2 -14.2 -20.8 -14.2
## 7526
                                   -9.3
                                          0.0
                                                9.9
                                                     17.7
                                                            18.3
                                                                  18.9
                                                                                5.8
          -8.1 -14.4 -16.6 -12.0
                                  -7.4
                                                7.7
## 7527
                                          2.2
                                                     17.1
                                                            17.9
                                                                  16.0
                                                                        13.5
                                                                                6.2
## 7528
          -5.0 -6.4 -11.0 -2.7
                                   -3.4
                                          6.7
                                               13.3
                                                     15.5
                                                            17.9
                                                                  18.9
                                                                        13.6
                                                                               6.8
## 7529
          -2.7 -10.7 -15.6 -7.0
                                  -2.8
                                          5.5
                                               12.3
                                                     16.2
                                                           19.2
                                                                  16.7
                                                                        11.0
                                                                                4.4
           0.8 -8.0 -15.1 -7.3
                                               12.0
## 7530
                                    0.1
                                          4.0
                                                     14.1
                                                            19.0
                                                                  17.7
                                                                                6.8
          -1.7 -18.5 -10.0 -15.9
                                               12.2
                                                     16.9
## 7531
                                   -5.0
                                          4.9
                                                           19.0
                                                                  18.6
                                                                        12.4
                                                                                4.6
## 7532
           2.7
               -7.4 - 11.2 - 7.4
                                   -9.2
                                          3.0
                                                7.8
                                                     17.4
                                                            20.3
                                                                  17.8
                                                                        13.8
                                                                                0.7
               -8.2 -15.1 -15.5
                                                                                6.0
## 7533
          -5.0
                                   -6.1
                                          3.9
                                               11.8
                                                     16.1
                                                            17.8
                                                                  19.3
                                                                        12.3
## 7534
          -5.4 -8.6 -20.1 -9.9
                                   -4.3
                                          3.0
                                                7.3
                                                     13.4
                                                            17.1
                                                                  13.4
                                                                        14.8
                                                                                6.5
## 7535
          -0.7 -12.7 -17.3 -10.1
                                   -6.9
                                                9.9
                                                     17.0
                                                            18.9
                                                                  16.5
                                          6.8
                                                                        13.2
                                                                                6.1
## 7536
          -2.5
               -9.4 -7.4 -15.4
                                  -3.4
                                          7.9
                                               12.6
                                                     16.6
                                                            20.3
                                                                  17.3
                                                                        11.7
                                                                                3.2
## 7537
          -1.8 -7.6 -12.5 -16.4
                                               12.8
                                                     17.3
                                                            19.5
                                  -3.2
                                          2.9
                                                                  16.3
                                                                        12.2
                                                                                6.9
## 7538
          -3.3 -13.1 -15.0 -15.5
                                   -7.9
                                          2.2
                                                7.5
                                                     14.4
                                                            17.6
                                                                  16.8
                                                                        11.9
                                                                                6.0
## 7539
          -3.0 -17.8 -19.5 -13.3
                                   -5.7
                                          3.7
                                                8.0
                                                     14.3
                                                            14.9
                                                                  15.7
                                                                        15.4
                                                                                3.2
## 7540
           1.4 -13.5 -13.9 -13.0
                                          7.6
                                               11.8
                                                     15.5
                                                            19.6
                                                                  18.8
                                                                                7.7
                                    1.4
                                                                         9.9
## 7541
          -1.7 -13.3 -18.2 -12.6
                                   -5.8
                                          4.2
                                               10.5
                                                     14.8
                                                           19.7
                                                                  17.9
                                                                        11.7
                                                                                8.0
## 7542
          -1.6 -7.3 -9.9 -6.5
                                    3.5
                                          4.4
                                               11.7
                                                     17.1
                                                            20.6
                                                                  16.7
                                                                                4.0
                                                                        10.8
## 7543
          -3.2 -11.3 -14.6 -13.4
                                  -8.8
                                         -0.4
                                                9.9
                                                     15.7
                                                            18.3
                                                                  17.3
                                                                        14.3
                                                                               5.3
## 7544
          -3.8 -18.6 -19.7 -17.8 -10.5
                                          1.5
                                               10.8
                                                     16.3
                                                            17.2
                                                                  16.5
                                                                        12.4
                                                                               5.8
## 7545
          -7.2 -7.9 -13.2 -18.1
                                  -2.2
                                          4.7
                                               10.9
                                                     16.3
                                                            19.5
                                                                  17.5
                                                                        15.5
                                                                                6.5
           1.0 -5.1 -11.9 -9.7
                                  -1.4
## 7546
                                               12.4
                                                     15.9
                                                            19.4
                                                                  18.4
                                                                        14.3
                                          3.1
                                                                               7.2
           3.1 -11.0 -11.0 -7.8
                                   -4.3
                                          4.6
                                               10.2
                                                     16.4
                                                            18.7
                                                                  16.4
## 7547
                                                                        13.6
                                                                               7.1
                                  -3.8
          -4.8 -13.9 -14.0 -14.6
                                                            19.8
## 7548
                                          0.0
                                               14.0
                                                     17.9
                                                                  18.0
                                                                        12.6
                                                                                3.3
## 7549
          -5.9 -8.4 -17.6 -15.7
                                   -6.2
                                          3.5
                                                8.8
                                                     15.7
                                                            19.0
                                                                  16.9
                                                                        13.2
                                                                                5.4
## 7550
          -4.8 -10.1 -11.4 -12.7
                                   -3.6
                                          2.1
                                               10.4
                                                     17.5
                                                            19.7
                                                                  18.1
                                                                        11.4
                                                                                1.5
  7551
                     -9.4 -16.2
                                    0.5
                                          4.3
##
          -0.5
               -8.2
                                               11.5
                                                     18.6
                                                            20.2
                                                                  19.6
                                                                        15.0
                                                                               9.6
          -2.3 -9.8 -18.3
                             8.2
                                                           28.0
## 7552
                                    8.1
                                         13.3
                                               19.5
                                                     24.6
                                                                  29.0
                                                                        28.8
                                                                               27.1
## 7553
          21.7
               16.4
                       8.5
                              9.2
                                   12.8
                                         17.5
                                               21.3
                                                     23.2
                                                            29.1
                                                                  28.6
                                                                        29.6
                                                                               25.0
## 7554
          19.5
                16.4
                      14.1
                            14.7
                                   15.1
                                         20.3
                                               21.2
                                                     25.8
                                                            27.0
                                                                  28.4
                                                                        27.8
                                                                               26.2
## 7555
          21.7
                15.4
                      14.6
                            14.7
                                   14.3
                                         13.8
                                               19.5
                                                     22.4
                                                            27.6
                                                                  27.1
                                                                        27.6
                                                                               27.3
## 7556
          22.0
                15.2
                      13.9
                             8.5
                                   13.6
                                         14.8
                                               19.8
                                                     23.5
                                                            27.1
                                                                  27.2
                                                                        27.8
                                                                               25.5
## 7557
                                                                  24.9
                                                                        20.3
          19.0
               12.8
                      13.8
                             9.4
                                   23.6
                                         12.8
                                               18.9
                                                     22.8
                                                            27.7
                                                                               16.5
## 7558
          14.7
                15.9
                      20.1
                            22.5
                                   26.0
                                         27.1
                                               25.8
                                                     23.7
                                                            22.2
                                                                  15.5
                                                                         8.7
                                                                               18.0
## 7559
          18.7
               26.6
                      22.4
                            13.8
                                  10.6
                                         17.5
                                               16.2
                                                     18.6
                                                            25.5
                                                                  27.0
                                                                        27.6
                                                                              28.8
## 7560
          29.3
               24.0
                      15.3 14.6 14.0
                                         14.1
                                               21.4
                                                     19.9
                                                            22.8
                                                                  26.2
                                                                        28.4
## 7561
          26.3
               23.3
                      20.0
                            10.1
                                  12.0
                                         11.4
                                               18.4
                                                     18.2
                                                            22.5
                                                                  26.4
                                                                        26.9
                                                                               27.1
## 7562
          24.6
               21.7
                      14.7
                            17.1
                                    9.9
                                          9.8
                                               10.9
                                                       9.3
                                                            14.6
                                                                  16.0
                                                                        17.0
                                                                               15.5
## 7563
          14.7
               11.9
                       7.3
                            10.5
                                  11.8
                                         13.2
                                               16.7
                                                     16.4
                                                           12.3
                                                                   9.1
                                                                        10.0
                                                                              12.4
                16.0
                      16.3
                            13.3
                                  10.4
                                         10.2
                                               12.7
                                                     14.1
## 7564
          15.9
                                                            15.2
                                                                  16.7
                                                                        14.5
## 7565
          10.9 11.3 12.6
                            13.7
                                   15.3
                                         14.9
                                               16.8
                                                     18.1
                                                            16.5
                                                                  12.9
                                                                        11.6
                                                                              10.5
                            13.3
                                         17.2
##
  7566
           9.6
               12.8
                      12.6
                                   16.1
                                               17.0
                                                     17.9
                                                            17.6
                                                                  12.4
                                                                         9.9
                                                                               8.8
          11.6
                            14.9
                                                                        10.2
## 7567
                12.5
                      14.3
                                  16.4
                                         16.8
                                               17.2
                                                     16.5
                                                            17.8
                                                                  13.1
                                                                               8.5
## 7568
           8.7
                13.0
                      13.0
                            17.0
                                   16.5
                                         17.2
                                               18.0
                                                     17.3
                                                            13.8
                                                                  12.1
                                                                        10.9
                                                                               14.0
## 7569
          11.3
               14.7
                      13.5
                            16.3
                                   16.1
                                         18.2
                                               18.4
                                                     18.3
                                                            18.3
                                                                  16.0
                                                                        13.7
                                                                               12.3
## 7570
          14.6
               15.3
                      13.9
                            13.2
                                   15.7
                                         17.8
                                               19.3
                                                     18.8
                                                            18.2
                                                                  11.3
                                                                         9.0
                                                                               11.1
                                                                               9.5
## 7571
          13.0
                13.6
                      14.1
                            14.8
                                   16.2
                                         15.7
                                               16.2
                                                     16.3
                                                            15.8
                                                                  12.8
                                                                         9.9
          11.9
                                         16.0
## 7572
                13.0 13.1
                            14.7
                                   16.4
                                               17.4
                                                     18.9
                                                            15.9
                                                                  14.1
                                                                        10.9
                                                                              12.3
## 7573
          10.3
                12.0
                      13.6
                            13.5
                                   15.8
                                         16.8
                                               16.3
                                                     14.9
                                                            15.7
                                                                  12.9
                                                                        11.0
                                                                              12.1
## 7574
           9.9
                      13.4
                            15.4
                                  19.5
                                         16.5
                                               19.0
                                                     19.3
                                                            16.5
                                                                  13.5
                                                                        11.8
                13.0
                                                                              10.5
## 7575
          11.4
               12.2
                      13.4
                            15.7
                                  18.3
                                         15.6
                                               18.7
                                                     19.3
                                                            16.4
                                                                  11.4
                                                                        10.0
                                                                              10.5
## 7576
           9.4 24.1
                      26.5
                            26.0
                                   13.0
                                          6.5
                                                6.7
                                                       7.4
                                                           15.2 19.8
                                                                        23.6
                                                                              24.9
## 7577
          25.4 22.0 17.9
                             8.6
                                  12.0
                                          5.0
                                                0.2
                                                       1.8
                                                           10.5 16.1 22.5
                                                                              24.5
```

```
## 7578
           24.5
                21.0
                        16.2
                                9.7
                                      1.4
                                             3.8 10.1 13.7 18.8
                                                                      20.3
                                                                             26.2
                                                                                    22.9
## 7579
           15.9
                 13.8
                         6.7
                                1.9
                                      2.2
                                             4.4
                                                  12.9
                                                         19.3
                                                                23.2
                                                                      24.8
                                                                             24.1
                                                                                    16.9
                                                                24.6
                                                                             20.0
   7580
           14.3
                  8.3
                         3.4
                                0.1
                                      8.0
                                             9.8
                                                   15.5
                                                         21.4
                                                                      23.2
                                                                                    11.0
   7581
                        -7.0
                               3.1
                                            23.9
                                                  26.4
##
            3.5
                  0.6
                                     20.2
                                                         25.9
                                                                22.4
                                                                      14.2
                                                                              8.7
                                                                                     2.0
##
   7582
           -6.3
                 -4.9
                         4.4
                               17.6
                                     22.8
                                            27.1
                                                   24.5
                                                         22.6
                                                                13.2
                                                                        8.0
                                                                              1.2
                                                                                    -7.4
   7583
          -2.5
                  7.3
                        16.9
                               21.3
                                     23.6
                                            23.8
                                                  20.2
                                                         15.6
                                                                 6.4
                                                                        4.6
                                                                              2.1
                                                                                     0.1
##
            5.6
                 18.0
                        23.9
                               28.5
                                     27.8
                                            22.5
                                                                 3.1
                                                                        0.9
   7584
                                                   13.1
                                                          7.5
                                                                              3.4
                                                                                     8.3
           16.2
                 23.8
                        26.3
                                     20.4
                                            13.8
                                                                -2.9
## 7585
                               23.4
                                                    9.0
                                                          1.5
                                                                        1.4
                                                                              9.9
                                                                                    19.6
##
   7586
           20.7
                 26.1
                        25.0
                               19.7
                                     13.9
                                             8.0
                                                    5.1
                                                          1.5
                                                                 4.7
                                                                       7.9
                                                                             16.8
                                                                                    22.0
           25.8
                               15.5
                                      9.0
                                            -5.4
                                                                 5.8
##
   7587
                 27.7
                        21.1
                                                  -1.0
                                                          5.5
                                                                      17.0
                                                                             23.7
                                                                                    24.8
           25.5
                 19.5
   7588
                        15.5
                               7.2
                                      6.2
                                            -3.7
                                                   -0.2
                                                         10.1
                                                                19.5
                                                                      22.8
                                                                             26.1
                                                                                    23.7
                         7.8
                               -2.2
   7589
           20.2
                 15.0
                                      2.5
                                             3.3
                                                    9.8
                                                         14.4
                                                                18.6
                                                                      24.4
                                                                             27.8
                                                                                    23.3
##
##
   7590
           22.2
                 13.9
                         5.6
                                2.2
                                      0.6
                                             5.0
                                                    8.8
                                                         13.9
                                                                21.6
                                                                      23.7
                                                                             25.8
                                                                                    26.1
   7591
                 11.7
                         8.3
                                2.8
                                             0.2
                                                                18.6
                                                                             24.8
                                                                                    25.9
##
           19.7
                                     -1.3
                                                    7.4
                                                         12.7
                                                                      23.6
  7592
           20.5
                 11.6
                         8.4
                                2.9
                                      4.2
                                            -2.6
                                                    7.5
                                                         13.9
                                                                16.9
                                                                      20.9
                                                                             24.1
                                                                                    24.1
##
##
   7593
           17.6
                 15.3
                         8.1
                               -3.5
                                      5.2
                                             5.6
                                                    9.0
                                                         12.7
                                                                16.6
                                                                      23.9
                                                                             25.1
                                                                                    25.1
          22.5
                 13.3
                        11.2
                                1.6
                                     -3.8
                                             5.9
                                                    9.2
                                                         14.3
                                                                20.5
                                                                      23.9
                                                                             25.8
                                                                                    25.7
##
   7594
##
   7595
          20.0
                 15.2
                         5.8
                                4.6
                                      3.2
                                             6.6
                                                    9.2
                                                         14.2
                                                                17.4
                                                                      21.4
                                                                             24.7
                                                                                    21.7
   7596
           19.8
                 14.8
                         6.7
                                2.4
                                      0.8
                                                                17.7
                                                                      22.8
                                                                             26.7
                                                                                    26.2
##
                                             1.1
                                                    6.1
                                                         11.5
##
   7597
           18.9
                 12.3
                         5.4
                                3.3
                                     -1.1
                                             2.5
                                                    9.3
                                                         14.3
                                                                17.9
                                                                      25.1
                                                                             25.1
                                                                                    24.1
                                                         13.3
                                                                16.8
##
   7598
           19.8
                 15.4
                        10.3
                                4.7
                                      0.9
                                             3.9
                                                   9.2
                                                                      22.3
                                                                             25.6
                                                                                    27.8
   7599
           19.2
                 15.0
                         6.1
                                1.2
                                     -0.9
                                             3.4
                                                    4.2
                                                         11.7
                                                                19.4
                                                                      22.6
                                                                             23.9
           18.8
                 13.9
## 7600
                         4.2
                                3.4
                                     -1.5
                                             4.4
                                                    8.4
                                                         10.4
                                                                15.4
                                                                      21.5
                                                                             25.4
                                                                                    23.2
   7601
           20.5
                 14.3
                         5.9
                                1.8
                                      3.3
                                             4.4
                                                    5.8
                                                         12.0
                                                                20.9
                                                                      23.6
                                                                             26.3
                                                                                    25.3
##
                 14.7
          23.8
                         9.5
                                                               17.2
                                                                      22.5
                                                                             26.5
                                                                                    25.6
## 7602
                                2.7
                                      1.7
                                             6.7
                                                    6.1
                                                         13.9
   7603
           19.3
                 14.9
                        11.9
                                4.0
                                      1.5
                                             6.8
                                                    9.8
                                                         12.4
                                                                19.3
                                                                      21.1
                                                                             24.5
                                                                                    27.2
  7604
          21.1
                 16.3
                         4.1
                               -4.8
                                     -0.7
                                             3.1
                                                    5.2
                                                         16.4
                                                                18.7
                                                                      22.7
                                                                             26.3
                                                                                    25.4
##
   7605
                 13.6
                                                                16.6
                                                                             25.9
##
           19.4
                        10.3
                                3.8
                                      1.8
                                             3.3
                                                    6.0
                                                         14.6
                                                                      23.6
                                                                                    25.6
                                                                17.9
##
   7606
          22.6
                13.0
                         6.4
                                2.1
                                     -1.8
                                             0.9
                                                    7.8
                                                         14.1
                                                                      21.0
                                                                             26.3
                                                                                    26.6
##
  7607
           19.0
                 14.7
                         9.0
                                3.1
                                      0.5
                                             2.5
                                                    9.5
                                                         13.7
                                                                19.7
                                                                      22.2
                                                                             23.6
                                                                                    22.5
                                      2.6
## 7608
           21.6
                16.2
                         9.6
                                3.2
                                             5.4
                                                    6.9
                                                         13.5
                                                                17.9
                                                                      24.6
                                                                             26.3
                                                                                    26.8
##
  7609
           23.2
                 14.7
                         9.1
                                1.4
                                      6.6
                                             2.6
                                                    9.3
                                                         16.6
                                                                19.2
                                                                      23.7
                                                                             27.2
                                                                                    27.5
                 13.4
                                                                             25.5
##
  7610
           19.4
                         8.8
                                4.5
                                      0.3
                                             1.5
                                                   13.5
                                                         12.0
                                                                21.0
                                                                      24.1
                                                                                    27.6
                                                                             25.4
## 7611
           21.7
                 16.0
                         8.3
                                2.3
                                      0.8
                                                   7.7
                                                         11.7
                                                                17.6
                                                                      22.9
                                                                                    24.5
                                             1.6
## 7612
           20.0
                 14.0
                         6.9
                                0.7
                                     -0.8
                                             5.1
                                                    9.1
                                                         12.5
                                                                17.4
                                                                      24.2
                                                                             23.4
                                                                                    23.2
## 7613
           19.5
                11.1
                        10.4
                               -0.1
                                     -2.2
                                            -0.7
                                                   7.6
                                                         15.7
                                                                18.7
                                                                      25.8
                                                                             26.7
                                                                                    27.4
## 7614
           21.2
                14.6
                         8.3
                                0.3
                                     -1.2
                                             1.3
                                                    8.1
                                                         14.6
                                                                17.1
                                                                      25.7
                                                                             29.2
                                                                                    27.2
## 7615
           18.6
                 14.2
                         8.8
                                3.5
                                      3.4
                                             4.8
                                                   14.5
                                                         15.4
                                                                20.9
                                                                      24.4
                                                                             29.0
                                                                                    25.0
  7616
           20.3
                 12.2
                         8.6
                                5.1
                                      2.6
                                             2.7
                                                    5.4
                                                         12.3
                                                                17.7
                                                                      23.2
                                                                             24.9
                                                                                    24.6
##
                                                                                    26.6
## 7617
          22.2
                 13.8
                         6.5
                                0.2
                                     -1.6
                                            -0.1
                                                    6.0
                                                         13.4
                                                                19.3
                                                                      23.6
                                                                             23.4
  7618
          20.9
                 15.4
                         4.9
                                3.5
                                      1.2
                                            -1.6
                                                    8.0
                                                         14.8
                                                                19.0
                                                                      24.4
                                                                             26.2
## 7619
          22.3
                 15.2
                         9.7
                                6.6
                                      1.0
                                             5.5
                                                  11.1
                                                         15.3
                                                                17.6
                                                                      25.5
                                                                             26.5
                                                                                    25.6
   7620
                 17.9
                        10.9
                                                   10.6
##
          22.5
                                2.2
                                      3.7
                                             8.7
                                                         15.6
                                                                18.4
                                                                      23.3
                                                                             26.5
                                                                                    22.8
                 15.5
                         9.9
                                2.9
                                     -0.5
                                                         10.4
                                                                22.8
                                                                      26.4
##
  7621
           21.7
                                             4.1
                                                    8.7
                                                                             26.6
                                                                                    25.0
           22.4
                         4.3
                                3.9
                                             3.2
                                                                19.2
##
   7622
                 14.6
                                      1.3
                                                    6.4
                                                         15.0
                                                                      23.0
                                                                             25.8
                                                                                    25.3
           25.8
                 12.9
                         6.3
                                      2.7
                                                         12.0
## 7623
                                4.8
                                             3.1
                                                   10.6
                                                                16.7
                                                                      24.3
                                                                             26.8
                                                                                    24.5
                        10.0
##
   7624
           20.9
                 13.1
                                3.5
                                      1.9
                                            -2.9
                                                   10.5
                                                         12.6
                                                                16.9
                                                                      23.9
                                                                             25.3
                                                                                    26.3
  7625
          22.9
                 15.9
                         8.5
                                9.1
                                     -0.2
                                             2.8
                                                    5.8
                                                         24.9
                                                                25.2
                                                                      16.9
                                                                                     4.5
##
                                                                              8.4
  7626
            2.0
                 21.4
                        26.4
                               26.8
                                     23.2
                                            15.8
                                                    4.5
                                                          7.4
                                                                19.5
                                                                      26.8
                                                                             23.5
                                                                                    17.4
                 11.2
                        20.5
                                                                22.7
##
  7627
           10.7
                               26.5
                                     24.7
                                            17.5
                                                    9.9
                                                         11.4
                                                                      25.5
                                                                             25.4
                                                                                    24.9
## 7628
            9.8
                  8.8
                        23.3
                               24.4
                                     27.2
                                            25.1
                                                    8.5
                                                          8.5
                                                                 9.3
                                                                      15.1
                                                                             18.6
                                                                                    27.3
                                                                19.2
                                                                      23.9
## 7629
           25.3
                 21.5
                        17.7
                               13.1
                                      6.2
                                             4.6
                                                    5.8
                                                         15.6
                                                                             25.6
                                                                                    25.8
## 7630
           21.8
                 18.1
                         8.7
                               10.5
                                      3.7
                                             7.6
                                                    5.3
                                                          8.0
                                                                11.9
                                                                      14.4
                                                                             17.9
                                                                                    20.5
## 7631
           19.1 17.1 10.9
                               7.8
                                      4.5
                                             3.1
                                                    6.8
                                                         10.2 11.0
                                                                     13.9
                                                                            17.2
                                                                                    20.8
```

```
9.3 14.0 15.3
## 7632
          20.2 16.0 11.0
                               7.2
                                     5.0
                                           3.0
                                                  6.7
                                                        7.5
                                                                                 20.5
## 7633
          19.7
                17.1
                       12.1
                               9.5
                                           4.5
                                                  5.2
                                                        7.5
                                                             11.4
                                                                    14.5
                                                                          17.4
                                                                                 23.2
                                     3.1
                17.8
                                                                    12.1
                                                                          15.3
## 7634
          19.7
                       12.6
                               8.8
                                     2.1
                                           6.7
                                                  7.8
                                                        9.0
                                                             10.1
## 7635
                17.2
                               7.2
                                                        7.8
          19.3
                       12.8
                                     5.9
                                           5.4
                                                  4.2
                                                              8.5
                                                                    11.9
                                                                          16.0
                                                                                 19.3
##
  7636
          19.7
                 18.7
                       13.1
                              7.2
                                     4.0
                                           4.6
                                                  5.9
                                                        7.2
                                                             11.2
                                                                    13.7
                                                                          16.2
                                                                                 19.1
  7637
          20.6
                17.8
                      13.1
                               9.2
                                     6.0
                                           3.2
                                                  6.9
                                                        9.3
                                                             11.3
                                                                    14.9
                                                                          18.0
                                                                                 20.2
##
  7638
                17.9
                       11.6
                               8.4
                                           5.2
                                                  4.6
                                                        9.5
                                                             12.1
                                                                    15.9
          21.0
                                     2.5
                                                                          17.6
          22.0
                19.7
                       15.0
                               7.8
                                                  9.7
                                                       10.9
                                                             11.2
                                                                          20.6
                                                                                 22.7
## 7639
                                     6.7
                                           5.9
                                                                   15.5
##
  7640
          21.7
                16.6
                       15.6
                              7.5
                                     6.2
                                           5.7
                                                  9.6
                                                        9.8
                                                             14.1
                                                                    16.2
                                                                          18.4
                       13.1
                                     3.2
                                                  4.9
                                                             10.9
                                                                          18.4
                                                                                 20.8
## 7641
          21.3
                16.6
                             11.4
                                           0.7
                                                        8.5
                                                                    15.5
  7642
          22.3
                18.7
                       11.9
                               8.4
                                     4.4
                                           7.3
                                                  5.9
                                                        8.2
                                                             11.9
                                                                    16.4
                                                                          17.8
                                                  2.5
## 7643
          21.1
                16.9
                       13.4
                               8.7
                                     6.6
                                           6.0
                                                        8.2
                                                             11.9
                                                                    15.5
                                                                          17.8
                                                                                 21.3
                       10.8
##
  7644
          21.2
                17.2
                               8.4
                                     6.1
                                           7.5
                                                  6.7
                                                        8.0
                                                              12.3
                                                                    15.6
                                                                          17.5
                                                                                 20.8
## 7645
          21.7
                19.7
                       12.9
                               8.6
                                     6.8
                                           7.3
                                                  5.5
                                                              12.6
                                                                    15.1
                                                                          21.1
                                                                                 22.0
                                                        8.4
## 7646
          21.6
                18.4
                       12.4
                             10.2
                                     5.2
                                           5.3
                                                 21.4
                                                       13.0
                                                              8.8
                                                                    -2.9 -17.1
                                                                                  4.9
## 7647
          11.9
                18.5
                       22.8
                             21.0
                                   15.0
                                          10.0
                                                 -0.4
                                                       -8.1
                                                              -6.9
                                                                    14.6
                                                                          19.5
                                                                                 24.1
  7648
          20.1
                14.1
                        5.4
                             -2.8 -12.8 -11.6
                                                  0.3
                                                       18.9
                                                             20.9
                                                                    20.3
                                                                          16.5
                                                                                 -3.7
##
   7649
         -17.1
                  2.9
                       12.7
                             18.7
                                   19.8
                                          20.1
                                                 14.7
                                                       12.1
                                                              18.6
                                                                    21.5
                                                                          20.0
           4.9
  7650
                       19.1 21.2
                                   20.5
                                         15.5
                                                 13.7
                                                       19.5
                                                             22.0
                                                                    19.2
                                                                          15.4
                                                                                 16.0
##
                15.3
## 7651
          20.3 21.4
                       13.1
                             11.2
                                    15.1 -12.0
                                                  2.6
                                                       11.7
                                                             20.7
                                                                    22.6
                                                                          20.2
                                                                                 13.7
          -0.7
                                                                    17.0
##
  7652
                -6.2
                       -7.7 - 14.9
                                     4.8
                                          12.3
                                                 21.5
                                                       23.1
                                                             21.0
                                                                           9.5
                                                                                 -1.0
  7653
         -11.0 -17.3
                       12.4
                            19.7
                                    22.5
                                          24.1
                                                 23.3
                                                       22.5
                                                              15.3
                                                                     9.5
                                                                           5.6
                                                                                  5.3
                       14.9
                             17.5
                                                                    10.7
## 7654
           5.9
                  5.9
                                    21.9
                                          24.7
                                                 23.0
                                                       19.2
                                                             13.7
                                                                           4.8
                                                                                  2.2
  7655
           6.5
                10.2
                       12.1
                             19.2
                                    21.9
                                          23.5
                                                 23.2
                                                        7.0
                                                             -1.5
                                                                     0.8
                                                                           6.1
                                                                                  5.8
##
                       23.7
                20.5
                             23.1
                                    18.2
                                           3.8
                                                             14.3
                                                                    15.6
                                                                          21.2
                                                                                 23.0
## 7656
          17.8
                                                  3.7
                                                        7.9
  7657
          22.8
                 20.9
                       15.3
                               6.4
                                     3.6
                                          -1.4
                                                  2.9
                                                        9.9
                                                             11.9
                                                                    18.1
                                                                          20.2
## 7658
          24.0
                 19.0
                       13.7
                             10.1
                                     2.2
                                           1.8
                                                  3.5
                                                       10.4
                                                             13.1
                                                                    19.9
                                                                          20.4
                                                                                 21.0
   7659
                       11.0
                               3.7
                                     5.0
                                           5.5
                                                  6.9
                                                       13.3
                                                             16.2
##
          19.6
                 15.7
                                                                    22.1
                                                                          24.2
                                                                                 21.1
## 7660
                             15.3
                                   19.5
                                          24.2
                                                              20.9
          23.0
                  6.6
                       13.3
                                                 25.8
                                                       24.1
                                                                    14.5
                                                                           9.4
                                                                                 -1.4
## 7661
           0.1
                  5.7
                        9.1
                             14.6
                                    17.7
                                          22.9
                                                 25.0
                                                       24.1
                                                              18.4
                                                                    13.4
                                                                          10.4
                                                                                  6.3
## 7662
           4.7
                  6.4
                       13.8
                             14.3
                                    19.8
                                          22.3
                                                 25.7
                                                       22.8
                                                              19.1
                                                                    12.8
                                                                           7.0
                                                                                  7.0
## 7663
           4.2
                  3.7
                        4.3
                             12.9
                                    16.3
                                          21.6
                                                 22.8
                                                       22.3
                                                             20.4
                                                                    14.6
                                                                           5.9
                                                                                  4.4
## 7664
          -2.5
                  2.1
                        8.0
                             14.4
                                    17.8
                                          22.9
                                                 21.6
                                                       23.0
                                                             21.7
                                                                    15.4
                                                                           6.0
                                                                                  5.7
## 7665
           1.9
                       15.2
                             19.5
                                    22.9
                                          24.2
                                                 22.4
                                                       20.0
                                                             14.7
                                                                    12.1
                  9.6
                                                                           11.2
                                                                                  1.2
## 7666
           4.9
                 12.5
                       15.8
                             18.0
                                    22.3
                                          24.0
                                                 24.0
                                                       21.2
                                                              16.7
                                                                    10.4
                                                                           4.1
                                                                                  6.3
## 7667
           8.2
                  9.2
                       16.4
                             17.5
                                   20.6
                                          23.2
                                                 21.6
                                                       18.2
                                                              14.2
                                                                     9.3
                                                                           3.0
                                                                                 -0.1
## 7668
           8.8
                  7.1
                       10.7
                             20.6
                                   22.3
                                          23.3
                                                 22.3
                                                       21.6
                                                              14.3
                                                                     5.6
                                                                           5.0
                                                                                  2.5
## 7669
           7.4
                  6.2
                       14.2
                             18.7
                                    20.6
                                          22.7
                                                 22.2
                                                       22.2
                                                              14.8
                                                                     6.1
                                                                           6.5
                                                                                  4.5
  7670
           4.2
                 10.0
                       10.7
                             16.0
                                    20.9
                                          24.2
                                                 22.0
                                                       19.4
                                                              14.1
                                                                     9.8
                                                                           2.9
                                                                                  2.7
                             16.2
                                    20.9
                                          22.8
                                                 23.2
                                                             15.6
## 7671
           1.7
                  9.1
                       11.0
                                                       19.0
                                                                     6.5
                                                                           9.5
                                                                                  0.6
## 7672
           6.8
                  8.0
                       22.4
                             25.0
                                    13.6
                                          10.9
                                                  5.1
                                                       -0.7
                                                              11.0
                                                                    24.5
                                                                          17.8
                                                                                  8.5
           3.3
## 7673
                  4.6
                       23.6
                             21.5
                                   13.8
                                           8.1
                                                  0.0
                                                        4.6
                                                             13.6
                                                                    18.3
                                                                          22.4
                                                                                 25.2
                       15.9
                              1.1
                                    14.6
                                          25.4
                                                 26.6
                                                              22.2
  7674
          26.6
                21.3
                                                       25.1
                                                                    15.3
                                                                           9.5
                                                                                 -0.1
## 7675
          14.6
                18.8
                       22.8
                             26.7
                                    21.8
                                          14.6
                                                 11.2 -17.5
                                                              4.9 -15.5
                                                                                 20.0
                                                                          -8.1
  7676
                 10.9
                        7.1
                               4.0
                                    18.0
                                          19.6
                                                  2.2
                                                       12.4
                                                             18.5
                                                                    23.0
          23.0
                                                                          22.7
                                                                                 21.1
## 7677
          15.8
                 7.6
                        1.0 -12.5
                                          19.8
                                                 23.2
                                                       24.8
                                    13.0
                                                             23.8
                                                                   13.7 -10.6
                                                                                  2.0
                                    25.8
## 7678
           4.5
                11.8
                       16.4
                             15.0
                                          22.2
                                                 16.1
                                                       10.0
                                                              4.9 - 19.6
                                                                          -2.4
                                                                                  4.5
## 7679
          26.1
                 23.8
                        9.6
                              1.4
                                     7.7
                                          11.7
                                                 20.5
                                                       26.0
                                                                    16.7
                                                                           3.5
                                                                                  5.4
                                                             23.4
## 7680
          16.4
                 23.9
                       27.4
                             25.4
                                     5.5
                                          12.0
                                                  5.7
                                                        3.5
                                                              15.6
                                                                    19.6
                                                                          19.1
                                                                                 25.7
                             11.9
                                    17.7
                                                 25.4
                                                             29.1
                                                                    27.7
                                                                          26.8
## 7681
          22.3
                12.4
                       12.0
                                          21.3
                                                       28.3
                                                                                 22.5
                             12.3
## 7682
          14.4
                13.8
                        5.8
                                    16.8
                                          23.6
                                                 25.5
                                                       27.4
                                                             28.5
                                                                    25.2
                                                                          21.8
                                                                                 14.8
                       10.9
                             13.2
                                                             29.0
## 7683
          13.0
                12.5
                                   19.9
                                          24.0
                                                 26.5
                                                       28.7
                                                                    27.1
                                                                          23.9
                                                                                 14.8
## 7684
          12.6
               10.0
                      11.7
                             16.0
                                    20.3
                                          24.0
                                                 28.0
                                                       27.3
                                                             28.0
                                                                    24.5
                                                                          21.2
                                                                                 17.6
                                          25.4 27.4 28.5
## 7685
          13.2 10.5 15.2 14.8 22.2
                                                             29.9
                                                                    24.4
                                                                          20.3
                                                                                 14.2
```

```
10.1 10.2 14.4 16.0 20.7 22.8 27.5 29.4
## 7686
                                                          29.0
                                                                25.9
                                                                      21.3
                                                                            16.1
## 7687
          10.1 11.4
                     13.5
                           19.8 20.0
                                        24.1 27.8
                                                    28.8
                                                          29.0
                                                                26.8
                                                                      20.5
                                                                            18.4
         11.2 10.0
                                                                      22.1
## 7688
                     14.1
                           18.7 22.5
                                       24.5
                                              26.7
                                                    29.9
                                                          29.1
                                                                25.2
                                                                            16.2
## 7689
                           14.0 20.5
                                        23.9
                                              28.0
                                                    29.1
                                                          28.0
          13.8
                 9.6
                      9.7
                                                                27.3
                                                                      25.0
                                                                            15.1
## 7690
         12.5
                7.8
                     11.7
                           16.0 22.5
                                        25.3
                                              28.7
                                                    28.8
                                                          29.6
                                                                25.5
                                                                      21.6
                                                                            15.6
## 7691
         14.4
                 8.7
                     14.1 17.1 18.3
                                       25.1
                                              27.0
                                                    27.9
                                                          27.9
                                                                26.9
                                                                      21.1
                                                                            17.6
## 7692
               14.5
                     14.3
                           17.1
                                 19.4
                                        24.5
                                              26.7
                                                    28.5
                                                          28.5
                                                                26.5
                                                                      23.9
         13.7
         12.9 11.9 12.7 17.0
                                 20.6
                                        24.3
                                              27.5
                                                    30.1
                                                          30.5
                                                                26.6
                                                                      22.9
## 7693
                                                                            14.9
## 7694
         13.6
              15.8
                     14.8
                           16.1
                                 19.1
                                        23.1
                                              27.0
                                                    28.2
                                                          29.9
                                                                25.6
                                                                      19.3
                                                                            15.1
## 7695
         11.4 13.9
                     13.2
                           20.0
                                 20.5
                                        24.4
                                              29.6
                                                    29.7
                                                          29.0
                                                                26.3
                                                                      22.0
                                                                            15.6
  7696
         10.3
               12.8
                     16.6
                           16.8
                                 22.6
                                        23.5
                                              27.9
                                                    29.9
                                                          29.8
                                                                28.4
                                                                      23.0
                                 22.9
                                        26.1
                                              27.2
                                                    29.0
                                                          29.1
                                                                27.4
## 7697
          14.9
               12.0
                     13.3
                           17.6
                                                                      22.3
                                                                            16.0
                                        25.6
## 7698
         12.2 11.4
                     14.4
                           17.2 20.9
                                              28.6
                                                    29.4
                                                          29.3
                                                                26.9
                                                                      22.9
                                                                            14.8
## 7699
              11.6
                     16.5
                           16.2
                                 19.1
                                        23.1
                                              26.8
                                                    30.1
                                                          29.9
                                                                25.6
                                                                      19.7
         13.8
                                                                            14.4
## 7700
         14.0
               10.3
                     10.3
                           13.6
                                 20.0
                                        24.0
                                              27.8
                                                    28.9
                                                          29.4
                                                                25.9
                                                                      19.8
                                                                            16.2
## 7701
          10.2
                9.5
                     11.9
                           15.6
                                 18.6
                                        24.6
                                              27.7
                                                    27.9
                                                          28.1
                                                                26.7
                                                                      21.3
                                                                            12.3
## 7702
          12.8 10.2
                     10.0
                           13.1
                                 21.2
                                        23.1
                                              27.5
                                                    28.0
                                                          27.1
                                                                24.8
                                                                      21.8
                                                                            15.8
## 7703
          9.5
                 8.4
                     12.8
                           17.5
                                 19.0
                                        24.5
                                              25.6
                                                    26.0
                                                          26.0
                                                                25.1
                                                                      20.1
                                                                            13.8
## 7704
         11.2
                7.0
                     15.9
                           14.0 19.4
                                        23.9
                                              26.1
                                                    29.2
                                                          30.1
                                                                25.7
                                                                      23.3
                                                                            14.8
## 7705
          10.2
                6.6
                     10.7
                           17.4 21.8
                                        23.8
                                              27.0
                                                    28.1
                                                          29.4
                                                                26.1
                                                                      22.6
                                                                            16.2
## 7706
          7.1
               10.0
                      9.2
                           15.1
                                 20.2
                                        24.0
                                              26.8
                                                    28.9
                                                          28.8
                                                                25.7
                                                                      19.1
                                                                            16.4
## 7707
         10.9
               12.0
                       9.9
                           12.5
                                 21.5
                                        22.6
                                              26.2
                                                    28.6
                                                          27.8
                                                                26.4
                                                                      19.1
                6.9
                      9.2 16.3
                                 20.7
                                        22.5
                                              25.2
## 7708
         13.1
                                                    28.2
                                                          27.8
                                                                26.2
                                                                      20.1
                                                                            18.4
## 7709
         11.3 11.4 12.0
                           19.6
                                 24.9
                                        24.1
                                              29.2
                                                    29.6
                                                          28.1
                                                                24.1
                                                                      20.1
                                                                            16.3
## 7710
         11.5 10.4 10.5
                           14.8 21.1
                                        23.3
                                              25.6
                                                    27.6
                                                          28.6
                                                                24.0
                                                                      21.5
                                                                            14.0
                                        22.3
## 7711
         11.3
               11.8 12.2
                           12.7
                                  20.0
                                              26.3
                                                    29.4
                                                          28.7
                                                                25.5
                                                                      20.2
## 7712
         12.8
                7.6
                     12.8
                           13.7
                                 21.2
                                        22.3
                                              25.6
                                                    27.5
                                                          28.3
                                                                25.5
                                                                      19.4
                                                                            14.7
## 7713
                     14.1
                           18.1
                                 20.8
                                        25.6
                                              28.7
                                                    29.9
                                                          27.3
                                                                26.7
                                                                      23.3
                                                                            17.3
         15.6
               13.3
                                 23.2
                                        22.7
                                              26.8
                                                          27.8
                                                                      22.2
## 7714
         14.0
               11.6
                     13.7
                           19.1
                                                    27.9
                                                                27.9
                                                                            12.2
## 7715
          7.5
                9.7
                     18.9
                           18.9
                                 22.0
                                        24.9
                                              26.7
                                                    25.2
                                                          24.0
                                                                20.5
                                                                      18.1
                                                                            11.7
## 7716
          10.6 13.3
                     19.4
                            20.6
                                 24.4
                                        26.3
                                              28.0
                                                    27.0
                                                          22.5
                                                                20.2
                                                                      14.3
                                                                            10.8
## 7717
          12.1
               11.9
                     15.7
                            19.2
                                 23.5
                                        26.9
                                              27.7
                                                    27.5
                                                          23.8
                                                                21.0
                                                                      16.3
                                                                            11.5
                            20.6
                                 20.9
                                        25.2
## 7718
          10.0
               16.7
                     16.7
                                              25.1
                                                    26.5
                                                          23.9
                                                                15.4
                                                                      10.5
                                                                             9.3
## 7719
          6.3 12.9
                     16.9
                           24.1
                                 27.2
                                        28.5
                                              29.2
                                                    27.7
                                                          21.8
                                                                16.2
                                                                      11.8
                                                                             6.1
                                        28.2
                                              27.2
## 7720
          7.7
               14.5
                     20.5
                           24.0
                                 26.2
                                                    24.6
                                                          19.4
                                                                16.7
                                                                      11.4
                                                                             7.3
## 7721
         11.1
               16.9
                     20.9
                           21.5
                                 25.3
                                        27.0
                                              26.4
                                                    23.6
                                                          21.8
                                                                13.1
                                                                      11.1
                                                                            10.9
## 7722
         11.5
              15.8
                     19.8 23.4
                                 28.4
                                       30.4
                                              28.8
                                                    26.8
                                                          20.0
                                                                14.0
                                                                      12.9
## 7723
          12.8 16.3
                     22.7
                           25.3
                                 26.2
                                        27.1
                                              27.0
                                                    24.0
                                                          20.8
                                                               16.3
                                                                      11.0
                                                                            10.3
## 7724
          9.9
               16.7
                     19.4
                            23.0
                                  26.6
                                        28.8
                                              28.5
                                                    25.6
                                                          19.7
                                                                14.8
                                                                      11.2
                                                                             9.1
                     18.4
                           22.3
                                 24.9
                                        26.6
                                              26.9
## 7725
         10.9 14.4
                                                    23.7
                                                          19.8
                                                                16.0
                                                                       6.1
                                                                             8.1
         11.7 16.9
                     20.9
                            23.7
                                  26.0
                                        26.9
                                              29.3
                                                    23.5
                                                          20.5
                                                                14.0
                                                                      15.3
                                                                             6.8
## 7726
## 7727
         10.6 17.7
                     20.8
                           23.3
                                 25.3
                                        26.0
                                              27.9
                                                    24.2
                                                         19.7
                                                                16.1
                                                                      10.0
                                                                            11.9
## 7728
         14.2 16.5
                     22.6
                            23.2
                                 27.1
                                        28.5
                                              28.4
                                                    27.2
                                                          20.1
                                                                14.6
                                                                      10.3
                                                                             9.5
## 7729
               13.2
                     18.9
                            22.9
                                 26.8
                                        28.8
                                              29.2
                                                    26.3
          12.2
                                                          21.7
                                                                16.1
                                                                      12.8
                                                                             9.2
## 7730
                     20.6
                            24.7
                                  26.3
                                        27.2
                                              28.6
                                                    26.9
                                                          22.7
                                                                18.9
         12.7
               16.9
                                                                      12.7
                                                                            12.0
## 7731
                     21.3
                            25.8
                                  27.1
                                        29.2
                                              29.0
                                                          22.3
                                                                17.2
          9.9
               15.6
                                                    26.1
                                                                       7.4
                                                                            13.8
                                  29.7
                                                                17.2
## 7732
          14.4
               15.7
                     20.9
                            24.4
                                        28.0
                                              28.9
                                                    25.7
                                                          20.3
                                                                      12.0
                                                                            10.0
## 7733
          13.7
               17.8
                     22.4
                           24.6
                                 27.3
                                        27.9
                                              28.7
                                                          22.5
                                                                14.3
                                                                      13.1
                                                                            10.4
                                                    24.3
## 7734
          14.8 17.2
                     20.6
                           22.1
                                 27.2
                                        28.2
                                              26.8
                                                    26.3
                                                          22.1
                                                                13.8
                                                                      13.1
                                                                            10.7
## 7735
                           23.3
                                 27.6
                                        30.1
                                                          20.6
          13.1
               16.4
                     19.6
                                              29.5
                                                    26.6
                                                                13.1
                                                                      13.0
                                                                            11.3
## 7736
          12.7
               16.9
                     21.0
                           23.2
                                 27.5
                                        29.4
                                              27.8
                                                    24.3
                                                          21.4
                                                                17.7
                                                                      13.0
                                                                            11.6
                     21.0 25.9
                                       28.9
                                                          21.1
## 7737
          13.7
               16.7
                                 26.0
                                              28.7
                                                    26.1
                                                               15.7
                                                                      13.3
                                                                            10.9
                                                    25.8
## 7738
          14.6 14.2 20.8 26.8 28.1
                                       30.7
                                              29.1
                                                          21.7
                                                               16.3 12.5
                                                                             9.5
## 7739
          11.8 17.4 17.8 23.3 26.5
                                        29.5 30.0 27.9 21.2 14.1 10.2 13.7
```

```
13.0 15.5 19.3 26.5 30.1 31.1 28.6 26.9 21.8 16.8 11.5 12.5
## 7740
## 7741
         16.5 17.0 21.8 24.5
                                27.7
                                      28.2 30.1
                                                 26.8
                                                       20.9
                                                             17.2 12.3
                                                                         12.9
                                            30.2 27.2 21.7
## 7742
         17.0 19.4 21.5 25.9 27.2 29.8
                                                             13.8
                                                                    8.0
## 7743
         14.1 13.6 21.5 24.6 28.1
                                      29.7
                                            29.7
                                                  24.9
                                                       19.9
                                                             17.2 12.1 12.1
## 7744
         10.5
              15.7
                     22.9
                          24.9
                                28.6
                                      28.1
                                            29.6
                                                  25.9
                                                        21.5
                                                             14.3
                                                                   12.1
                                                                         10.1
## 7745
         11.7
              15.9 21.9 26.9 27.6 27.7
                                            28.7
                                                  24.8
                                                       21.5
                                                             17.2 12.2 12.5
         11.5 18.8 19.6
                          24.5
                                27.1
                                      28.3
                                            28.5
                                                  26.9
                                                       25.0
                                                             16.2 11.8
## 7746
                                                             18.3
         13.5 16.3 20.2
                          23.9
                                28.1
                                      29.6
                                            29.9
                                                  29.1
                                                       21.7
## 7747
                                                                   11.7
                                                                         14.6
## 7748
         13.3 19.8
                    24.8
                          26.0
                                28.7
                                      29.8
                                            31.3
                                                  26.5
                                                        22.4
                                                             17.7
                                                                   12.4
                                                                          9.1
## 7749
              18.4 18.4
                          24.1
                                27.1
                                      26.9
                                            28.7
                                                       22.8
                                                                   13.5
                                                                         11.0
         12.7
                                                  26.8
                                                            17.1
                                      28.9
## 7750
         16.5 17.8 21.5
                          26.7
                                30.5
                                            29.1
                                                  26.4
                                                       21.9
                                                             17.6
                                                                   12.8
## 7751
                    21.0
                          26.4
                                30.2
                                                  25.8
                                                       21.1
         17.2 18.4
                                      31.5
                                            31.3
                                                             15.9
                                                                    9.1
                                                                          9.9
## 7752
          9.7
              15.2 20.3
                          25.3
                                28.6
                                      28.8
                                            30.8
                                                  26.7
                                                        21.3
                                                             16.7
                                                                   12.0
                                                                         10.3
## 7753
         13.1
              19.3 24.2 26.1
                                29.0
                                      29.8
                                            32.2
                                                  28.4
                                                        21.7
                                                             16.7
                                                                   12.1
                                                                         13.4
## 7754
         14.1
              19.1 23.3
                          25.6
                                29.3
                                      29.6
                                            30.7
                                                  26.4
                                                        21.5
                                                            17.4
                                                                   13.8
                                                                         12.2
## 7755
         15.0 17.1
                    19.8
                          24.3
                                28.8
                                      30.1
                                            31.4
                                                  28.5
                                                       23.0
                                                             15.5
                                                                   11.2
                                                                         10.6
## 7756
         14.2 15.9 21.8 24.3
                                28.4
                                      29.4
                                            31.1
                                                  27.7
                                                        24.6
                                                             14.1
                                                                   13.7
                                                                          9.4
## 7757
         11.6 16.0 21.7 24.3
                               27.1
                                      29.1
                                            30.1
                                                  27.7
                                                        24.2 17.5
                                                                   14.2
                                                                         10.7
                                                                        13.9
## 7758
         14.8 18.6 20.9 23.6 27.1
                                      29.5
                                            27.5
                                                  27.0
                                                       22.6
                                                             18.4
                                                                   13.1
## 7759
         17.5 19.4 21.7 24.0 27.8
                                      29.5
                                            28.6
                                                  25.9
                                                        20.9
                                                             18.8
                                                                   11.5
                                                                          9.2
## 7760
         13.9 19.0 19.6 26.3 29.2 29.4
                                            29.5
                                                  25.6
                                                       20.5
                                                             13.5
                                                                   12.1
                                                                         11.2
## 7761
         14.2 15.9 20.3 25.0 27.6
                                     29.3
                                            31.4
                                                  29.9
                                                       21.9
                                                             14.8
                                                                   13.0
         12.9 20.5 20.9 25.9 27.1 31.4
                                                  24.7
                                                       22.4
## 7762
                                            31.2
                                                             18.7
                                                                   12.5
                                                                         11.6
## 7763
          0.6 - 0.6
                    11.5
                          16.0 22.3
                                      23.4
                                            24.1
                                                  20.1
                                                        16.8
                                                              6.3
                                                                    7.7
                                                                         -1.0
         -8.1
              -2.5 21.3 11.8
                                 8.5
                                      -7.2
                                            18.1 21.0
                                                       20.9
                                                             15.5
                                                                         -7.6
## 7764
                                                                    5.6
## 7765
         15.2 20.2 17.8
                         10.4
                                 4.8
                                      -2.2
                                            -5.3
                                                  -2.1
                                                       12.6
                                                             11.0
                                                                    1.3
                                                                         -2.6
## 7766
          2.4 14.4
                     22.6 21.1
                                 8.6
                                      5.3
                                            -2.2
                                                  -7.7
                                                        16.6
                                                             21.8
                                                                   18.1
                                                                         14.0
## 7767
         -4.7
               10.3 13.6
                         21.8
                               20.6
                                      9.6
                                             3.6
                                                  -3.8
                                                        -8.3
                                                             -2.0
                                                                    9.2
                                                                         15.0
## 7768
         19.4
                     8.6
                           6.6
                                                        23.3
              20.3
                                -2.4
                                      -4.7
                                            -3.2
                                                  12.0
                                                             22.2
                                                                    4.4
                                                                         -6.4
                                      20.6
## 7769
         -3.8
                7.7
                    15.0 19.5
                                24.3
                                            10.4
                                                   5.6
                                                        0.7
                                                             -1.7
                                                                   -0.7
                                                                          8.8
## 7770
         17.5 25.4
                     20.8
                          16.8
                                10.0
                                       3.2
                                             1.4
                                                  -4.0
                                                         6.8
                                                             16.6
                                                                   21.7
                                                                         20.2
## 7771
         11.0
                3.1
                    -9.0 -7.9
                                 8.5
                                      15.1
                                            19.7
                                                  20.7
                                                        15.2
                                                              9.9
                                                                    1.4
                                                                         -6.1
        -10.7
                         19.2 21.0
## 7772
                8.4 16.7
                                      20.1
                                            18.8
                                                   6.8
                                                        -3.3
                                                             -1.3
                                                                    7.7
                                                                         15.1
## 7773
         20.7 19.1 12.6
                           7.1
                                -1.4
                                       2.3
                                            11.8
                                                  18.4
                                                        13.1
                                                              3.9
                                                                   -1.1
                                                                          5.0
                    22.7
## 7774
         18.5 22.9
                          10.2
                                -2.9
                                      8.7
                                            23.5
                                                  20.8
                                                        1.1
                                                             -0.6
                                                                   -2.2
                                                                          6.7
## 7775
         13.6 23.4 16.3
                           9.3
                                7.0
                                      -0.1
                                            -2.1
                                                  -5.6
                                                        9.4 14.4
                                                                   21.7
                                                                         22.1
## 7776
         23.0 18.4 14.1
                           3.3
                                 1.9
                                      -6.8
                                             7.4
                                                   7.1
                                                         0.3 - 9.8
                                                                    7.0
                                                                          4.5
## 7777
          0.1 - 10.2
                     3.5
                           6.5 - 6.5
                                      9.1
                                             8.7
                                                   8.0
                                                       -7.6 -18.1 -26.2
                                                                         -4.7
## 7778
          6.3
               1.2 -7.8 -25.6 -26.8 -28.9
                                            -4.1
                                                   7.0
                                                         3.4 - 27.2
                                                                    3.3
                                                                          6.6
          2.1 -7.5 -12.3 -29.8
                                 9.2
                                       4.9 -26.7
## 7779
                                                   2.9
                                                         1.7 -4.5 -28.3
                                                                         -5.6
          2.8
                9.0
                      8.0
                           2.7 -6.1 -25.2 -22.0 -19.3
                                                        3.1
                                                              9.0
                                                                    2.9 - 20.9
## 7780
## 7781
        -31.8 -25.0 -15.5 -5.1
                                 5.9 10.9 10.0
                                                   3.6 -4.4 -17.7
                                                                    9.1
                                                                         -4.8
        -22.6 -25.3 -1.9
                           3.6
                                 7.1
                                       1.4
                                            -5.1 -13.8 -23.5 -21.4 -12.7
## 7782
                                                                          8.9
          6.6
              5.2 -6.4 -25.4 -19.7 -19.8 -10.8 -0.8
                                                        5.5
                                                              9.3
                                                                   -3.8 -23.9
## 7783
        -14.9 - 2.6
                    3.6 10.4
                                7.0
                                      2.5 -6.1 -15.0 -4.9
## 7784
                                                              1.7
                                                                   10.5
                                                                          4.0
          1.6 -13.4 -21.2 -24.1 -17.4 -13.0 10.5 -13.5
                                                       -4.2
                                                              4.0
## 7785
                                                                    6.1
                                                                          1.8
         -5.2 -12.0 -21.0 -24.7
                                 0.9
                                      10.9
## 7786
                                            14.0 23.3
                                                       19.0
                                                             11.6
                                                                    5.6
                                                                          2.3
## 7787
         -1.6
                3.4 23.4 15.9
                                 8.3
                                      21.9
                                            22.4
                                                 18.9
                                                        4.0
                                                             14.0
                                                                   22.4
                                                                         10.3
## 7788
          9.3 15.4 19.6
                           9.1 12.5
                                      4.7
                                             9.0
                                                  21.1
                                                       11.3
                                                             10.2
                                                                   22.6
                                                                         26.4
                               22.1
## 7789
                     2.5
                                                        20.6
                                                             21.3
         17.0 10.7
                         17.5
                                      10.9
                                            -8.3
                                                  9.9
                                                                   11.9
                                                                         -3.2
## 7790
         -0.7
                9.0 15.2 22.4
                                23.6
                                      19.9
                                            13.8
                                                  7.2
                                                        -0.8
                                                              3.6
                                                                   12.3
                                                                         14.8
         21.6 22.6 20.0 18.5
## 7791
                               13.6
                                      4.5
                                           -0.9
                                                 21.5
                                                       19.6
                                                             10.7
                                                                    1.2
                                                                         -4.9
## 7792
          9.4 20.0 20.1
                           1.8
                                 0.0 - 1.5
                                            7.8
                                                 14.6 22.3 24.5 21.9
                                                                         17.2
          7.3 -1.8 -2.6 -0.1 14.0 18.6 19.5 15.0 -6.1
## 7793
                                                             8.6 10.9 12.4
```

```
0.2
           9.0 10.6 10.5 12.5
                                   9.5
                                               9.6
                                                     0.0 - 1.4
                                                                  7.7 12.2 14.3
## 7795
               13.4
                       8.4
                            -2.6
                                 -4.1
                                        -3.0
                                              -7.2
                                                     2.0
                                                           7.6
                                                                11.5
                                                                       12.1
                                                                             11.5
           9.1
                      -6.8
                                        12.0
                                                                       24.6
## 7796
           8.0
                 3.5
                           -6.8
                                  -6.2
                                              17.1
                                                    27.3
                                                          27.0
                                                                 27.4
                                                                             20.2
                            26.6 27.5
                                        18.7
                                              13.6
                                                    21.0
                                                           8.0
## 7797
          13.8 10.2 13.5
                                                                 25.3
                                                                       27.8
                                                                             19.7
## 7798
           8.8
                28.1
                      13.7
                            24.2
                                  13.1
                                        12.6
                                              22.2
                                                    27.1
                                                          25.9
                                                                 7.0
                                                                       12.2
                                                                             19.4
## 7799
          22.6
               26.5
                      26.5
                           27.4
                                 25.5
                                        12.1
                                               9.6
                                                    21.6
                                                          23.8
                                                                 26.8
                                                                       28.6
                                                                             27.4
## 7800
               13.0
                      20.2 23.2
                                  26.8
                                        28.0
                                              27.3
                                                    26.3
                                                          21.1
                                                                 16.3
          17.3
                                                                       16.8
          25.9
               27.0
                      24.9
                           16.0
                                  18.3
                                        24.8
                                              26.8
                                                    26.6
                                                          10.4
                                                                 16.9
## 7801
                                                                       19.5
                                                                             27.6
## 7802
          27.8 21.8
                     13.2
                            13.7
                                  14.4
                                        20.5
                                              23.5
                                                    26.5
                                                          27.6
                                                                 25.2
                                                                       21.6
                                                                             17.4
               11.5
                            19.1
                                  23.5
                                        27.0
                                              27.5
                                                          25.1
                                                                 22.3
## 7803
          11.3
                      10.9
                                                    27.7
                                                                       14.1
                                                                             17.7
  7804
           9.7
                28.9
                      27.6
                            25.5
                                  22.1
                                        17.5
                                              14.1
                                                    13.1
                                                          13.3
                                                                 15.9
                                                                       19.5
          27.8
                      28.9
                            25.6
## 7805
                28.4
                                  20.4
                                        15.0
                                              12.5
                                                    17.0
                                                          17.8
                                                                 19.8
                                                                       23.6
                                                                             28.0
##
  7806
          27.0
                27.3
                      26.9
                            21.0
                                  16.8
                                        11.3
                                              12.1
                                                    15.3
                                                          20.3
                                                                 21.7
                                                                       23.3
                                                                             27.3
## 7807
          27.2
               27.5
                      27.1
                           21.2
                                  16.9
                                        10.3
                                              13.4
                                                    13.9
                                                          17.9
                                                                 21.0
                                                                       24.0
                                                                             26.2
## 7808
          27.4
                27.5
                      25.5
                            21.9
                                  19.5
                                        14.7
                                              15.8
                                                    10.6
                                                          14.0
                                                                 21.1
                                                                       24.0
                                                                             27.0
## 7809
          27.3
                27.5
                      26.1
                            23.0
                                  16.9
                                        13.6
                                               9.9
                                                    14.9
                                                          18.3
                                                                 25.2
                                                                       27.4
                                                                             27.8
## 7810
          27.4
                25.0
                      19.6
                            18.8
                                  15.4
                                        16.2
                                              17.5
                                                    16.8
                                                          20.7
                                                                 24.7
                                                                       26.9
                                                                             27.7
## 7811
          27.9
                26.0
                      24.4
                            16.4
                                  15.0
                                        19.1
                                              16.7
                                                    16.0
                                                          18.4
                                                                 25.3
                                                                       27.7
                                                                             26.9
                25.4
## 7812
          27.5
                      22.2
                           14.3
                                  11.2
                                        12.9
                                              12.7
                                                    17.2
                                                          18.9
                                                                 23.6
                                                                       27.0
                                                                             28.5
## 7813
          28.9
                26.9
                      23.2
                            14.3
                                  15.3
                                        15.3
                                              14.9
                                                    16.8
                                                          19.2
                                                                 24.1
                                                                       29.1
                                                                             28.8
                                                          19.5
## 7814
          27.7
                25.7
                      19.7
                            15.6
                                 12.9
                                        13.9
                                              14.5
                                                    18.4
                                                                 25.8
                                                                       27.7
                                                                             28.3
## 7815
          27.6
               26.1
                      22.2
                           15.7
                                  13.3
                                        13.3
                                              15.3
                                                    15.7
                                                          22.2
                                                                 22.7
                                                                       27.2
                      21.6
## 7816
          29.1
               27.2
                           15.4
                                  12.2
                                        12.0
                                              14.5
                                                    18.2
                                                          21.6
                                                                 25.1
                                                                       25.9
                                                                             27.2
## 7817
          27.9
                26.8
                      21.3
                            16.0
                                  12.8
                                        10.4
                                              16.5
                                                    16.4
                                                          19.1
                                                                 24.7
                                                                       26.5
                                                                             27.9
         28.7
                                                          20.7
               25.6 22.5
                           16.2 16.9
                                        15.6
                                              17.9
                                                                       27.9
                                                                             29.0
## 7818
                                                    16.0
                                                                 25.1
## 7819
          28.0
                26.4
                      20.0
                            18.0
                                  12.7
                                         9.1
                                               8.7
                                                    15.3
                                                          23.5
                                                                 27.7
                                                                       27.7
## 7820
          27.0
                20.9
                     18.0
                           11.9
                                  10.8
                                        14.9
                                              15.1
                                                    19.3
                                                          24.8
                                                                 26.8
                                                                       27.3
                                                                             27.2
## 7821
                     15.9
                            12.8
                                  11.9
                                        11.7
                                              13.2
                                                          22.6
                                                                 26.7
                                                                       28.5
          26.3
                23.4
                                                    20.2
                                                                             27.4
                     17.5
                                                          22.9
## 7822
          26.4
               23.1
                           10.7
                                   9.7
                                        15.1
                                              18.0
                                                    18.3
                                                                 25.4
                                                                       27.3
                                                                             26.7
## 7823
          25.6
               21.4
                     17.8
                           14.2
                                  11.6
                                        16.2
                                              15.1
                                                    19.5
                                                          25.0
                                                                 26.4
                                                                       28.1
                                                                             27.1
## 7824
          25.2
               22.9
                      15.7
                           12.5
                                  10.3
                                        10.6
                                              16.8
                                                    20.7
                                                          24.5
                                                                 27.2
                                                                       28.0
                                                                             28.6
## 7825
          26.1
               21.9
                      16.1
                             9.4
                                  10.5
                                        10.3
                                              16.1
                                                    20.8
                                                          23.9
                                                                 27.4
                                                                       28.1
                                                                             25.8
                                                                       26.3
## 7826
          19.2
               17.8
                     14.8
                           12.8
                                  15.6
                                        21.6
                                              24.1
                                                    25.4
                                                          27.2
                                                                 27.2
                                                                             21.4
## 7827
               13.0 10.2
                           12.1
                                  15.3
                                        20.2
                                              24.1
                                                    25.4
                                                          28.2
                                                                 26.4
                                                                       22.2
                                                                             12.3
          17.7
## 7828
          12.9
               12.1
                     17.1
                            22.4
                                  23.9
                                        26.1
                                              27.3
                                                    23.9
                                                          19.1
                                                                 14.3
                                                                       14.3
                                                                             10.1
## 7829
          8.4 14.1 21.0
                           23.4
                                 27.2
                                        27.5
                                              28.1
                                                    26.7
                                                          22.4
                                                                 14.8
                                                                       11.6
                                                                             11.9
## 7830
          12.2 13.0
                     20.4 23.1 27.2
                                        27.8
                                              26.9
                                                    24.1
                                                          21.9
                                                                 14.9
                                                                       12.3
## 7831
          11.5 16.2
                      23.8
                            26.4
                                  27.4
                                        27.0
                                              26.5
                                                    21.6
                                                          12.9
                                                                 14.1
                                                                       12.1
                                                                             13.5
## 7832
          15.4 22.5
                      26.6
                            26.7
                                  26.8
                                        26.1
                                              22.9
                                                    16.3
                                                          17.1
                                                                 14.9
                                                                       12.5
                                                                             23.1
                     15.0
                           12.6
                                 12.1
                                              22.1
                                                    25.9
## 7833
          26.1
               16.1
                                        19.3
                                                          27.7
                                                                 28.2
                                                                       27.9
                                                                             22.8
## 7834
               12.5
                     13.7
                            17.9
                                  19.0
                                        23.2
                                              25.3
                                                    27.7
                                                                       19.3
          18.0
                                                          27.4
                                                                 25.2
## 7835
          13.1 13.6 16.0
                           19.3
                                 25.1
                                        27.1
                                              26.5
                                                    27.1
                                                          24.0
                                                                 21.3
                                                                       16.5
                                                                             12.1
                      17.8
                            22.3
                                  25.6
                                        27.3
                                              27.7
                                                    25.4
  7836
           9.8
               14.9
                                                           11.3
                                                                  7.3
                                                                       11.4
                                                                             18.0
          23.8
               28.1
                      28.6 27.7
                                  27.8
                                        19.8
                                              11.4
                                                           8.2
                                                                 13.6
## 7837
                                                     6.7
                                                                       28.0
                                                                             27.4
## 7838
                     19.2
                           14.3
                                   9.0
                                              16.1
                                                    26.6
                                                          27.5
                                                                 27.2
          26.5
               21.0
                                        11.3
                                                                       25.4
                            11.7
                                        24.1
                                              27.4
                                                    28.6
                                                          28.4
                                                                 27.3
## 7839
          17.0 12.8
                     14.0
                                  16.9
                                                                       19.8
                                                                             15.0
                                        27.8
## 7840
          11.0
                8.9
                      13.3
                            15.9
                                  22.4
                                              28.1
                                                    28.0
                                                          26.0
                                                                 21.1
                                                                       18.0
                                                                             12.3
## 7841
                      16.7
                            23.6
                                 27.2
                                        26.7
                                                    25.1
                                                                       15.2
                                                                              9.8
          11.2 14.0
                                              27.4
                                                          21.3
                                                                17.4
## 7842
          12.1
               13.5
                      23.1
                            25.8
                                  28.6
                                        28.3
                                              24.7
                                                    21.9
                                                          16.5
                                                                 11.7
                                                                       10.1
                                                                            12.7
                22.9
                      25.0
                            25.4
                                        25.7
## 7843
          15.7
                                  26.7
                                              23.3
                                                    15.9
                                                          17.8
                                                                 10.7
                                                                       13.1
                                                                             17.9
## 7844
          23.6
               26.0
                      26.6
                            26.5
                                  25.2
                                        23.9
                                              20.0
                                                    11.7
                                                           11.7
                                                                 14.9
                                                                       16.2
                                                                             23.3
                     26.8 26.4
## 7845
          27.5
               28.3
                                 22.0
                                        20.0
                                              13.6
                                                    11.5
                                                          13.1
                                                                 15.9
                                                                       23.8
## 7846
          28.1 28.7
                      26.3
                           18.7
                                  17.4
                                        15.7
                                              10.6 12.0
                                                          15.9
                                                                 22.9
                                                                       25.4
                                                                             26.8
## 7847
          27.2 25.7 19.4 18.0 12.6 15.4 13.3 16.4 23.5
                                                                26.1
                                                                       28.0
                                                                            27.5
```

```
## 7848
          25.6 20.4 16.7 10.2 13.8 16.2 19.1
                                                     24.3
                                                            27.7
                                                                  29.0
                                                                         29.5
                                                                               27.5
                                                                        25.2
          23.1
                18.6
                      15.1
                            13.1
                                  14.2
                                         16.7
                                               24.3
                                                      25.9
                                                            26.8
                                                                  26.4
                                                                               20.5
## 7849
## 7850
                                                                         26.4
          13.4
                13.2
                      10.4
                            13.5
                                   15.1
                                         25.7
                                               25.5
                                                      19.9
                                                            16.3
                                                                  28.2
                                                                               21.4
                                                                        20.8
## 7851
          15.9
                10.9
                      10.0
                            14.5
                                   16.9
                                         23.2
                                               26.0
                                                      26.5
                                                            26.0
                                                                  24.7
                                                                               18.2
##
  7852
          13.1
                11.0
                      13.1
                             25.5
                                   25.4
                                         10.3
                                               12.0
                                                      24.3
                                                            26.4
                                                                  15.3
                                                                         13.5
                                                                               28.6
## 7853
          28.7
                26.0
                      21.7
                            15.9
                                  12.7
                                               27.3
                                                      28.6
                                                            26.7
                                                                  22.5
                                         19.7
                                                                        15.7
                                                                               14.2
                      15.0
## 7854
          26.1
                20.3
                            12.7
                                   12.7
                                         19.7
                                               24.4
                                                      28.4
                                                            27.9
                                                                  26.2
                                                                         22.6
## 7855
          20.1
                12.8
                      20.8
                            15.2
                                   22.4
                                         17.6
                                               16.9
                                                      21.1
                                                            22.4
                                                                  13.6
                                                                         9.5
                                                                               20.8
## 7856
          27.2 19.8
                      12.2
                            12.5
                                   13.7
                                         18.9
                                               23.1
                                                      26.2
                                                            27.3
                                                                  27.1
                                                                         25.5
                                                                               22.5
## 7857
          15.0
                17.2
                      11.1
                              6.3
                                   20.7
                                         22.7
                                               20.8
                                                     14.7
                                                            -5.3 -10.9
                                                                         8.7
                                                                               14.1
  7858
          22.5
                21.4
                      21.0
                            17.3
                                   12.3
                                          2.1
                                               -2.2 -11.2
                                                             3.2
                                                                  -1.0
                                                                          3.3
                                                                               15.0
  7859
          19.3
                24.5
                      23.1
                             16.7
                                          7.1
                                                3.5
                                                      -0.3
                                                            -7.1
                                                                   8.2
                                                                               20.9
##
                                   11.0
                                                                         16.8
##
  7860
          21.9
                22.1
                      19.4
                             15.1
                                    5.1
                                         -3.1
                                               11.6
                                                      21.0
                                                            23.3
                                                                  21.9
                                                                         19.0
                                                                               11.1
                                   16.6
                                         20.7
                                               21.4
                                                      22.3
                                                            18.8
                                                                  11.2
## 7861
           4.6
                -0.9
                      -0.5
                             10.8
                                                                          8.8
                                                                               -0.1
## 7862
          -2.7
                -2.1
                       5.7
                             13.7
                                   18.3
                                         22.5
                                               25.2
                                                      23.8
                                                            19.5
                                                                  12.7
                                                                               -3.0
                                                                          5.6
## 7863
          -4.6
                -2.0
                       2.5
                              9.7
                                   16.4
                                         21.6
                                               25.7
                                                      22.3
                                                            18.7
                                                                  12.3
                                                                          9.1
                                                                                2.9
           0.3
                              9.4
                                         21.4
## 7864
                 1.8
                      11.1
                                   18.1
                                               24.7
                                                      22.3
                                                            16.6
                                                                  12.3
                                                                          4.3
                                                                                3.5
##
  7865
          -0.8
                -2.1
                        0.7
                              9.2
                                   16.7
                                         20.4
                                               22.6
                                                      21.4
                                                            18.6
                                                                  13.2
                                                                          4.6
                                                                                0.1
## 7866
                            10.7
                                   17.3
                                         21.2
                                               22.2
                                                      21.4
          -5.6
               -5.2
                       0.1
                                                            18.4
                                                                  11.9
                                                                          2.7
                                                                                2.0
## 7867
          -4.9 -10.1
                        1.0
                              9.9
                                   17.6
                                         20.3
                                               21.3
                                                      21.7
                                                            19.3
                                                                  11.9
                                                                          9.2
                                                                                6.5
                                                            21.4
## 7868
          -2.1
                 0.4
                        6.9
                              8.6
                                  16.1
                                         22.5
                                               23.3
                                                      23.3
                                                                  13.7
                                                                          7.7
                                                                                0.2
## 7869
           0.1
                 3.6
                        4.3
                            12.5
                                   15.9
                                         22.4
                                               24.1
                                                      22.6
                                                            17.8
                                                                  15.2
                                                                          5.2
                                                                               -1.6
          -2.9
                              5.3
                                         21.9
                                               24.2
                                                      22.2
                                                            19.7
## 7870
                 2.1
                        1.4
                                   19.3
                                                                  11.8
                                                                          3.5
                                                                                2.5
          -2.2
                            11.3
                                         19.7
                                               24.3
## 7871
                 0.5
                        2.2
                                   15.4
                                                      21.4
                                                            20.1
                                                                  14.2
                                                                          3.8
                                                                                3.5
           0.9 -0.4
## 7872
                        6.8
                              7.5
                                  14.3
                                         21.5
                                               24.6
                                                      21.5
                                                            17.4
                                                                  11.6
                                                                          8.3
                                                                                1.3
## 7873
          -0.8 -4.2
                       6.9 10.5
                                  15.0
                                         22.2
                                               22.3
                                                      22.9
                                                            19.1
                                                                  15.5
                                                                         4.4
                                                                                3.8
## 7874
          -5.0 -26.4 -29.0 -27.3 -14.5
                                         -7.8
                                               -0.5
                                                            -1.3
                                                                  -9.0 -22.6 -23.9
                                                       1.1
  7875
         -26.6 -26.2 -25.1 -22.6
                                   -5.7
                                          1.1
                                                4.0
                                                       3.8
                                                            -2.4
                                                                  -6.9 - 14.3 - 27.6
## 7876
         -28.5 -27.6 -24.9 -16.5
                                  -7.7
                                         -1.0
                                                 4.5
                                                             0.2
                                                                 -8.1 -14.9 -21.2
                                                       3.4
## 7877
         -27.7 -23.6 -26.1 -15.4
                                   -8.7
                                         -0.8
                                                 4.5
                                                       2.4
                                                            -3.8 -11.3 -20.6 -29.5
## 7878
         -25.1 -21.2 -20.9 -23.1
                                   -8.7
                                         -0.2
                                                3.3
                                                       5.6
                                                             1.2
                                                                 -0.6 -24.9 -19.8
## 7879
         -31.0 -34.3 -15.6
                            -3.4
                                    0.9
                                          2.4
                                                4.2
                                                       0.2 -23.3 -16.8 -20.1 -26.8
## 7880
         -15.8
               -7.3
                        1.1
                              6.7
                                    6.3
                                          0.3
                                               -5.2 -11.5 -22.0 -26.4 -29.7 -26.6
         -20.6
## 7881
                                   -0.8
                                          1.7
                                               -1.7 -15.2 -23.6 -27.1 -29.3 -26.8
                -9.3
                      -0.3
                              4.9
## 7882
         -16.4
                -6.8
                        1.4
                              3.9
                                    1.5
                                         -0.6 -12.9 -17.8 -27.0 -27.2 -23.8 -23.3
                              4.2
## 7883
         -16.1
                -8.6
                        1.2
                                    8.2
                                          2.2 -6.1 -17.8 -25.6 -32.5 -28.2 -18.8
## 7884
          -8.8
                 0.3
                        3.6
                              0.2 -13.4 -24.4 -27.6 -27.5 -33.2 -26.2 -17.4
## 7885
          -0.7
                 3.8
                      -0.3
                              0.2 -10.2 -23.7 -23.2 -20.0 -31.7 -26.8 -13.9
                                                                               -6.9
## 7886
           1.6
                 4.2
                        5.6
                            -1.7
                                  -8.8 -14.6 -29.4 -27.1 -27.1 -24.5 -18.9
                                                                               -8.1
          -1.6
                        5.8
                              2.0 -11.8 -16.0 -22.7 -27.5 -22.7 -32.7 -19.2
                                                                               -6.8
## 7887
                 3.9
          -0.1
                            -0.9 -8.6 -21.1 -30.7 -31.7 -22.4 -23.1 -20.2
  7888
                 2.6
                        2.8
## 7889
           1.0
                        1.2
                            -4.0 -11.2 -23.1 -22.2 -23.9 -32.7 -29.3 -21.9
                 3.1
                                                                               -5.8
## 7890
           1.4
                 3.3
                        1.9
                              1.0 -9.0 -16.8 -26.7 -19.1 -21.1 -25.6 -15.6
                                                                               -8.4
           1.6
                            -0.9 -8.2 -16.1 -22.7 -22.9 -27.2 -28.7 -15.1
## 7891
                 4.7
                        5.8
                                                                               -3.6
                            -1.2 -11.3 -20.8 -20.0 -29.1 -33.9 -30.8 -23.9
## 7892
           1.0
                 2.8
           0.1
                            -2.7 -10.4 -18.6 -30.4 -30.6 -32.5 -22.6 -16.6
## 7893
                 3.4
                        1.9
                                                                               -8.2
## 7894
          -0.7
                 3.7
                        3.6
                              1.4 -12.5 -10.6 -24.7 -26.6 -30.2 -30.7 -20.7
                                                                               -8.8
                            -0.6 -7.2 -14.2 -24.6 -24.4 -26.8 -22.6 -14.4
## 7895
           1.7
                 3.0
                                                                               -5.6
## 7896
           0.8
                 3.1
                        2.6
                            -3.7 -12.1 -18.9 -22.6 -23.1 -31.8 -24.3 -20.8
                                                                               -5.7
## 7897
           0.6
                 5.7
                        5.3
                              0.4
                                  -8.3 -19.8 -24.9 -24.8 -28.5 -24.2 -16.7
                                                                               -6.4
## 7898
           0.8
                            -1.2
                                  -8.9 -23.2 -22.1 -24.7 -27.4 -28.0 -19.4
                                                                               -7.2
                 1.5
                       -0.1
## 7899
           0.4
                 3.2
                            -3.5 -17.5 -20.1 -23.4 -28.6 -32.3 -27.9 -20.3
## 7900
           1.7
                 4.7
                        0.8 -0.2 -10.2 -18.1 -24.1 -26.8 -28.4 -28.7 -20.2
                                                                               -7.7
## 7901
           2.4
                 6.0
                        4.8
                           -0.4 -6.1 -17.0 -20.8 -25.2 -25.1 -29.3 -7.2
```

```
1.1 \quad -7.0 \quad -13.4 \quad -20.8 \quad -23.9 \quad -33.5 \quad -28.9 \quad -22.1 \quad -7.7 \quad -1.1
## 7903
                 0.6 -14.3 -22.0 -32.6 -32.4 -25.3 -21.8 -20.3 -7.1
           5.7
                                                                          1.9
                                                                               -4.4
## 7904
         -24.2 -29.9 -28.3 -30.5 -18.9 -8.2
                                                 1.7
                                                       3.6
                                                              3.1
                                                                    0.2 - 16.4 - 26.9
## 7905
         -26.9
                -7.2
                        1.2
                              6.9 -6.6 -20.5 -22.0 -25.7 -23.6 -16.9
                                                                         -8.7
                                                                                 0.6
## 7906
           4.3
                 2.6
                        0.8 -14.8 -25.6 -28.9 -27.0 -18.3
                                                              0.2
                                                                    5.3
                                                                          7.8
## 7907
          -7.2 -12.5 -23.9 -23.5
                                  -7.0
                                          3.0
                                                       1.1 -20.4 -26.4 -25.7 -23.8
                                                 2.4
                                   -3.6 -9.9 -18.0 -22.5 -23.9 -21.6 -24.7 -18.3
## 7908
          -2.4
                  1.4
                        4.3
                              1.1
                                   -1.3 -13.9 -23.4 -22.9 -28.4 -26.3 -25.2 -15.3
## 7909
          -8.6
                  1.1
                        3.3
                              2.6
## 7910
          -8.4
                  1.4
                        3.4
                              1.3
                                   -5.0 -13.9 -16.3 -17.4 -26.3 -36.0 -26.9 -23.7
                                    1.3 -8.2 -22.3 -25.3 -21.8 -28.2 -24.9 -21.4
## 7911
          -8.6
                  3.3
                        4.9
                              3.9
## 7912
          -5.2
                  2.1
                        3.8
                              3.8
                                   -1.7 -12.0 -16.3 -21.6 -26.1 -22.7 -27.6 -22.1
## 7913
          -6.6
                                         -8.6 -17.9 -21.3 -25.1 -28.9 -24.3 -20.4
                  1.7
                        5.6
                              4.2
                                    2.7
                                   -2.2
## 7914
          -6.6
                  1.2
                        3.8
                              3.8
                                         -5.0 -20.6 -22.7 -23.6 -25.8 -24.9 -16.9
          -6.8
## 7915
                  0.9
                        3.8
                              2.1
                                   -2.1 -16.7 -24.9 -22.9 -31.1 -12.6 -22.4 -14.5
## 7916
          -8.7
                  2.6
                        7.5
                                         -7.8 -24.8 -23.0 -30.5 -30.7 -24.1 -13.6
                              8.4
                                    1.9
## 7917
          -3.0
                  3.2
                        5.9
                              2.9
                                   -0.2
                                          -8.4 -21.6 -26.0 -25.2 -27.9 -27.6 -15.9
          -2.2
                                         -7.7 -21.3 -25.9 -28.1 -29.1 -22.9 -17.3
## 7918
                 2.7
                        3.3
                              2.3
                                   -1.2
## 7919
          -6.3
                  2.2
                        4.3
                              3.9
                                   -3.9 -10.8 -18.4 -22.6 -24.8 -23.9 -24.7 -14.2
## 7920
          -5.0
                                    0.2 -4.9 -14.9 -22.2 -22.7 -22.7 -27.9 -17.8
                 2.4
                        7.3
                              2.7
                              6.5
## 7921
          -7.4
                 0.3
                        5.3
                                   -2.5 -13.1 -22.5 -26.7 -24.4 -26.8 -27.1 -13.4
## 7922
          -3.1
                 2.6
                        4.6
                              2.5
                                    1.9
                                         -7.5 -15.6 -24.4 -21.7 -27.8 -20.6 -17.8
## 7923
          -3.4
                  3.2
                                   -2.3 -14.7 -12.6 -20.2 -27.1 -25.7 -25.1 -15.1
                        6.1
                              2.2
## 7924
          -6.3
                                         -6.9 -11.6 -24.3 -26.0 -25.9 -19.3 -11.1
                  1.3
                        5.1
                              5.7
                                    1.7
          -4.5
                                         -3.8 -9.3 -19.0 -28.3 -26.2 -26.6 -18.9
## 7925
                  3.4
                        7.0
                              6.0
                                    3.3
          -5.0
                                         -7.8 -18.1 -27.1 -25.5 -26.4 -24.3 -18.1
## 7926
                  2.0
                        5.9
                              5.8
                                    0.9
## 7927
          -9.7
                  3.0
                        3.9
                              3.7
                                   -0.2
                                         -8.2 -17.6 -20.7 -23.8 -19.3 -26.5 -16.8
## 7928
         -11.2
                                    0.1 -12.5 -17.4 -22.4 -27.1 -27.7 -18.6 -16.6
                  1.9
                        3.8
                              1.9
          -3.9
## 7929
                  1.0
                        4.2
                              2.8
                                    2.3
                                         -4.6 -14.1 -18.8 -23.9 -26.6 -23.5 -13.1
          -5.7
## 7930
                              2.2
                                         -4.6 -16.1 -22.2 -22.3 -30.5 -26.2 -17.0
                  1.4
                        5.1
                                   -0.1
## 7931
          -4.7
                  4.0
                        6.2
                              7.0
                                    0.6
                                         -5.8 -16.6 -22.6 -22.2 -24.7 -22.0 -16.5
## 7932
          -5.3
                  1.2
                        4.0
                              6.0
                                    0.9
                                         -5.6 -18.5 -19.8 -24.3 -22.4 -27.7 -19.9
## 7933
          -4.4
                  3.3
                        4.0
                              2.6
                                    2.5
                                         -3.3 -14.4 -19.4 -26.6 -23.4 -26.0 -13.0
## 7934
          -8.4
                  2.3
                        6.9
                              7.2
                                    3.3
                                         -4.8 -10.1 -18.0 -26.5 -25.6 -26.6 -13.1
## 7935
          -5.3
                                         -5.1 -15.5 -17.6 -24.9 -26.5 -26.3 -16.3
                  3.0
                        4.7
                              3.2
                                    1.2
## 7936
          -3.4
                  1.9
                        6.7
                              5.6
                                         -3.9 -17.4 -19.6 -27.6 -23.1 -23.2 -13.3
                                    1.6
          -6.9
                                         -5.2 -11.7 -22.8 -23.0 -21.1 -21.2 -18.2
## 7937
                  1.1
                        5.6
                              6.1
                                    3.0
## 7938
          -5.2
                  1.8
                        5.5
                              5.6
                                    2.6
                                         -5.0 -17.8 -23.0 -29.1 -24.5 -29.7 -15.1
## 7939
          -5.7
                 2.9
                        6.6
                              7.4
                                         -2.5 -14.4 -23.0 -22.5 -27.8 -21.8 -17.3
                                    1.5
## 7940
          -5.1
                  3.9
                        6.9
                              4.2
                                   -0.4
                                         -4.0 -13.5 -19.1 -21.1 -21.6 -20.3 -15.6
          -3.1
## 7941
                                         -5.8 -12.3 -21.5 -23.2 -21.4 -23.7 -13.7
                  1.0
                        3.3
                              3.2
                                    0.8
## 7942
          -2.3
                                         -5.8 -15.8 -23.4 -17.8 -20.1 -21.6 -12.3
                  3.8
                        4.6
                              3.6
                                   -0.4
## 7943
          -1.9
                  2.7
                              4.2
                                         -0.8 -9.7 -17.7 -17.8 -20.5 -21.5 -14.1
                        6.1
                                    1.4
                                    1.8
## 7944
          -4.1
                  1.2
                        7.5
                              4.6
                                         -4.1
                                               -8.0 -14.5 -19.9 -15.5 -18.2 -13.9
          -5.7
## 7945
                 0.9
                              2.7
                                         -3.3 -12.8 -20.9 -22.6 -15.1 -14.4 -13.6
                        6.1
                                    1.8
          -2.3
## 7946
                  2.8
                        9.1
                              5.9
                                    4.9
                                         -1.7
                                               -8.4 -18.1 -24.9 -32.2 -20.7 -13.2
          -5.2
                                         -3.3 -9.2 -20.2 -21.5 -28.5 -23.1 -15.4
## 7947
                 2.7
                        3.5
                              5.5
                                    1.9
          -4.9
## 7948
                 2.8
                        5.4
                              3.7
                                    0.9
                                         -4.5 -13.9 -21.4 -23.9
                                                                   11.0
                                                                          3.9
                                                                                 6.7
           3.5
                                                 5.3 -5.9
                                                              0.9
## 7949
                11.6
                       17.9
                             18.8
                                   13.3
                                          8.2
                                                                   11.1
                                                                         22.1
                                                                                 3.1
## 7950
          13.9
                20.0
                        7.0
                              2.2
                                   -0.5
                                           6.9
                                                14.6
                                                      18.2
                                                              0.9
                                                                    7.0
                                                                         10.4
                                                                                13.2
## 7951
          18.0
                19.0
                        2.2
                             -0.1
                                    0.6
                                         -1.8
                                                 6.9
                                                      10.5
                                                             18.3
                                                                   22.4
                                                                         18.6
                                                                                14.4
## 7952
           8.3
                       -0.9
                             -1.2
                                    4.4
                                                            21.5
                                                                   16.0
                 4.3
                                         19.1
                                                21.7
                                                      26.7
                                                                         13.2
                                                                                4.8
## 7953
           8.8
                16.2
                      20.2 27.2
                                   27.6
                                         24.6
                                                19.7
                                                      14.9
                                                            10.0
                                                                   11.8 18.4
## 7954
          23.5
                27.0
                       26.0
                            21.9
                                   17.4
                                         13.5
                                                 8.0
                                                       4.2
                                                            14.2
                                                                  15.1
                                                                         22.5
                                                                                26.0
## 7955
          25.3 25.6 17.7
                              9.1
                                    8.9
                                           6.7 12.1 17.8 23.6 24.7
                                                                         26.6
                                                                               27.0
```

```
## 7956
          25.9
                10.6
                      10.3
                               9.8 10.4
                                           16.4
                                                  20.1
                                                        26.2
                                                               25.4
                                                                     21.9
                                                                            18.3
                                                                                  13.3
## 7957
           6.4
                  7.0
                       22.5
                              26.4
                                    28.2
                                           26.0
                                                  23.8
                                                        17.5
                                                               13.1
                                                                      7.2
                                                                             8.7
                                                                                   9.3
                              27.9
  7958
                 17.0
                       23.1
                                    27.1
                                           27.3
                                                  22.1
                                                        16.8
                                                               10.9
                                                                       7.6
                                                                             7.5
                                                                                  11.5
                              27.4
                                    25.4
                                           25.4
                                                                                  10.4
##
  7959
          12.6
                 17.4
                       23.6
                                                  24.3
                                                        17.4
                                                               11.5
                                                                      5.3
                                                                             7.5
##
   7960
          18.2
                 19.7
                       20.9
                              26.9
                                     26.7
                                           25.9
                                                  25.3
                                                        17.2
                                                               13.0
                                                                      6.8
                                                                             6.5
                                                                                  14.5
  7961
          19.9
                 24.4
                       26.2
                              26.1
                                    25.3
                                           14.6
                                                   9.3
                                                        10.4
                                                               16.2
                                                                     18.9
                                                                            23.5
                                                                                  25.0
##
                 24.9
                       21.9
                              15.7
                                            8.7
                                                  10.7
                                                        12.3
                                                               17.5
                                                                     23.1
   7962
          26.7
                                     11.9
                                                                            25.1
                                      7.6
                                                                     22.9
## 7963
          26.3
                 23.4
                       18.9
                              13.0
                                            6.4
                                                  12.6
                                                        15.8
                                                               20.6
                                                                            25.8
                                                                                  25.7
##
  7964
          22.2
                 14.6
                         8.8
                               6.9
                                      2.3
                                            8.1
                                                  15.4
                                                        22.3
                                                               25.3
                                                                     27.7
                                                                            25.0
                                                                                  23.3
                 12.9
                         6.7
                               2.5
                                      3.4
                                                               25.9
                                                                     25.9
##
  7965
          15.0
                                           10.6
                                                  20.4
                                                        24.6
                                                                            24.4
                                                                                  17.1
   7966
          15.0
                  9.7
                         5.8
                               5.9
                                    13.3
                                           20.3
                                                  22.8
                                                        25.3
                                                               25.6
                                                                     22.7
                                                                            16.3
                                                                                  12.3
                                                  27.4
                                                               24.2
   7967
           6.7
                  6.6
                         5.0
                              10.1
                                     20.5
                                           24.2
                                                        26.3
                                                                     15.3
                                                                            10.6
                                                                                   6.9
##
##
   7968
           3.6
                  8.3
                       10.7
                              19.9
                                    26.7
                                           26.5
                                                  23.8
                                                        21.5
                                                               16.6
                                                                     11.7
                                                                             6.1
                                                                                   4.8
  7969
           9.4
                 13.5
                       22.0
                              24.6
                                    25.7
                                           24.9
                                                  21.7
                                                               12.5
##
                                                        16.1
                                                                     10.3
                                                                             4.5
                                                                                   7.1
  7970
          11.7
                 21.3
                       24.0
                              27.8
                                    27.6
                                           22.6
                                                  17.3
                                                        11.1
                                                                6.3
                                                                      8.7
                                                                            11.9
##
                                                                                  21.2
## 7971
          25.8
                 25.2
                       25.6
                              21.7
                                     20.4
                                            9.9
                                                  11.0
                                                         4.0
                                                                7.8
                                                                     14.4
                                                                            21.6
                                                                                  25.7
  7972
          25.8
                 24.7
                       22.2
                              19.8
                                    16.6
                                            5.8
                                                   5.1
                                                        10.8
                                                               12.8
                                                                     17.7
                                                                            22.3
                                                                                  27.8
##
##
  7973
          30.1
                 26.7
                       24.4
                              18.3
                                    15.0
                                            8.3
                                                   6.1
                                                         7.8
                                                               11.7
                                                                     15.6
                                                                            23.4
                                                                                  26.3
          28.4
  7974
                 28.4
                       23.9
                              13.6
                                    12.8
                                            9.4
                                                   4.1
                                                         7.0
                                                               12.3
                                                                     16.9
                                                                            20.7
                                                                                  25.0
##
##
  7975
          27.8
                 28.1
                       24.1
                              14.8
                                    13.3
                                            7.8
                                                  9.8
                                                         9.8
                                                               13.6
                                                                     16.8
                                                                            20.6
                                                                                  26.6
                              18.2
                                    13.2
                                                        13.4
                                                               15.2
                                                                     17.4
##
  7976
          27.2
                 26.8
                       23.8
                                            5.0
                                                  11.2
                                                                            22.2
                                                                                  26.6
  7977
          28.7
                 27.6
                       24.4
                              19.1
                                    13.2
                                           10.9
                                                  7.9
                                                        10.9
                                                               14.6
                                                                     19.5
                                                                            24.1
          28.3
                              18.2
                                           10.0
## 7978
                 26.8
                       23.9
                                    11.2
                                                   7.9
                                                        10.6
                                                               12.4
                                                                     16.8
                                                                            19.8
                                                                                  24.4
  7979
          28.8
                 26.0
                       23.8
                              16.4
                                    12.8
                                            7.7
                                                   8.6
                                                         7.4
                                                               10.7
                                                                     14.9
                                                                            21.9
##
                                                                                  26.6
          30.1
                       24.8
                              17.6
                                    12.5
                                            7.2
                                                   5.9
                                                                                  26.8
## 7980
                 27.7
                                                        10.1
                                                               14.7
                                                                     19.7
                                                                            20.7
  7981
          27.3
                 25.7
                       22.5
                              17.3
                                    13.8
                                           10.1
                                                   7.5
                                                         7.9
                                                               14.3
                                                                     18.7
                                                                            23.4
                                                                                  24.9
##
  7982
          28.4
                 27.9
                       23.4
                              19.4
                                    10.3
                                            6.1
                                                   6.5
                                                         9.7
                                                               10.6
                                                                     16.8
                                                                            23.4
                                                                                  25.8
   7983
                 26.0
                       23.4
                              17.0
                                      9.9
                                            8.9
                                                                     15.7
##
          27.8
                                                   8.0
                                                        10.7
                                                               16.4
                                                                            20.0
                                                                                  23.9
                       23.8
                                    10.2
                                            7.5
                                                               11.6
##
  7984
          27.4
                 26.3
                             17.2
                                                   9.2
                                                         9.8
                                                                     17.0
                                                                            23.8
                                                                                  28.4
##
  7985
          28.7
                 27.2
                       24.6
                              18.7
                                    14.0
                                           11.0
                                                   9.6
                                                         9.9
                                                               10.8
                                                                     19.1
                                                                            20.9
                                                                                  24.9
## 7986
          27.6
                 28.5
                       22.6
                              17.1
                                    13.5
                                            8.0
                                                   6.1
                                                        10.0
                                                               14.5
                                                                     16.2
                                                                            24.0
                                                                                  26.7
##
   7987
          27.5
                 26.8
                       22.8
                              17.0
                                    11.2
                                            3.5
                                                   6.6
                                                        10.9
                                                               11.6
                                                                     18.4
                                                                            22.5
                                                                                  25.9
                       22.5
##
   7988
          26.8
                 27.9
                              16.3
                                    14.9
                                           10.9
                                                   8.7
                                                         8.5
                                                               13.8
                                                                     20.4
                                                                            20.9
                                                                                  26.2
          28.8
                                                                            21.8
  7989
                 27.1
                       25.2
                              19.6
                                    11.2
                                            6.8
                                                   5.6
                                                               14.4
                                                                     16.4
                                                                                  24.8
##
                                                         8.6
##
  7990
          26.5
                 27.0
                       22.6
                              17.5
                                    14.8
                                            5.7
                                                   6.3
                                                         6.8
                                                               14.3
                                                                     17.5
                                                                            24.2
                                                                                  26.4
##
  7991
          27.7
                 25.7
                       23.7
                              19.3
                                    13.4
                                            7.6
                                                  9.0
                                                         9.3
                                                               11.9
                                                                     16.4
                                                                            20.2
                                                                                  25.2
##
  7992
          27.8
                 27.6
                       25.7
                              18.6
                                    12.9
                                            6.6
                                                  10.4
                                                         7.9
                                                               12.5
                                                                     19.4
                                                                            21.5
##
  7993
          27.8
                 27.8
                       23.0
                              16.4
                                    12.3
                                           10.0
                                                   8.8
                                                         7.6
                                                               15.0
                                                                     16.6
                                                                            21.5
                                                                                  25.9
  7994
          26.3
                 29.9
                       25.1
                              20.5
                                    11.9
                                           11.2
                                                   6.9
                                                        11.8
                                                               13.2
                                                                     16.6
                                                                            21.4
                                                                                  27.6
##
  7995
          27.2
                 26.4
                       23.6
                              16.2
                                      9.6
                                           10.6
                                                   6.9
                                                         8.9
                                                               12.7
                                                                     17.2
                                                                            22.6
                                                                                  27.2
##
   7996
                 27.5
                       24.1
                              17.4
                                    13.1
                                            7.0
                                                               11.9
                                                                            24.4
          27.1
                                                   5.1
                                                         5.3
                                                                     18.8
          29.1
  7997
                 28.6
                       26.1
                              18.6
                                    12.8
                                            4.3
                                                   5.4
                                                        11.2
                                                               14.0
                                                                     19.9
                                                                            23.4
                                                                                  28.5
##
                       24.7
                              16.7
                                           10.9
##
  7998
          29.3
                 28.8
                                    13.1
                                                  9.7
                                                        11.2
                                                               18.6
                                                                     19.4
                                                                            24.1
                                                                                  25.3
  7999
          29.4
                 26.9
                       24.2
                              18.3
                                                               10.6
##
                                    11.1
                                           11.4
                                                  11.4
                                                         8.7
                                                                     18.3
                                                                            21.3
                                                                                  26.2
  8000
                       24.5
          27.0
                 26.3
                              19.1
                                    11.5
                                           10.9
                                                   4.6
                                                         9.4
                                                               11.2
                                                                     18.7
                                                                            23.5
                                                                                  27.8
                 27.8
                                                   7.1
                                                               14.7
                                                                                  27.6
## 8001
          28.4
                       24.8
                              19.3
                                    10.3
                                           10.0
                                                         6.1
                                                                     19.6
                                                                            23.2
##
   8002
          29.0
                 27.5
                       24.4
                              17.8
                                    14.8
                                           15.3
                                                   6.8
                                                         9.5
                                                               16.9
                                                                     18.9
                                                                            22.5
                                                                                  28.0
   8003
          29.9
                 28.5
                       25.8
                                            9.9
                                                               14.3
                                                                     20.8
                                                                            23.0
                                                                                  26.3
##
                              19.8
                                    13.0
                                                  11.7
                                                        14.2
##
  8004
          27.8
                 27.3
                       24.7
                              19.7
                                    12.7
                                            9.8
                                                   5.9
                                                        15.3
                                                               12.6
                                                                     17.3
                                                                            24.4
                                                                                  27.7
                 27.5
                       27.1
                              20.2
                                            9.2
                                                               12.8
##
  8005
          28.0
                                    11.5
                                                  8.3
                                                        11.8
                                                                     18.5
                                                                            25.2
                                                                                  25.9
   8006
          28.2
                 27.9
                       27.2
                              21.2
                                    10.7
                                           10.3
                                                  10.6
                                                        11.0
                                                               16.7
                                                                     17.5
                                                                            21.0
                                                                                  25.5
##
                27.6
                       23.7
##
  8007
          28.6
                              20.4
                                    15.3
                                            7.7
                                                  7.6
                                                         9.2
                                                               14.7
                                                                     17.4
                                                                            21.3
                                                                                  26.0
## 8008
          27.1
                 27.4
                       23.6
                             19.9
                                    11.1
                                           12.5
                                                   6.6 - 11.5
                                                               -6.3
                                                                      2.8
                                                                             6.1
                                                                                  12.1
## 8009
          15.5 20.3 20.1 11.1
                                      8.3
                                           -0.8 -10.6 -13.7 -9.6
                                                                    -4.4
                                                                             4.0
                                                                                   9.8
```

```
## 8010
          14.3 19.7 19.4
                            12.9
                                     9.2
                                           0.7 -3.1 -5.5 -3.0
                                                                     4.0
                                                                           5.8
                                                                                11.0
## 8011
                                                                                 9.8
          17.9 22.1
                       19.0
                             13.4
                                     5.8
                                           1.1
                                                -7.5 -11.0 -9.6
                                                                           1.4
                                                                    -5.6
                       20.5
                                                                                 11.1
## 8012
          12.3
                19.9
                             15.5
                                     7.2
                                          -2.2 -15.1 -16.8 -14.7
                                                                    -7.5
                                                                           1.8
## 8013
          15.7
                19.0
                      18.2
                             13.1
                                     6.7
                                          -5.6
                                                -5.7 -10.2 -13.4
                                                                    -0.9
                                                                           4.9
                                                                                  8.5
## 8014
          16.6
                20.8
                       18.5
                             16.4
                                     8.0
                                           2.9
                                                -2.8
                                                      -8.9
                                                             -5.3
                                                                    -0.2
                                                                           2.2
                                                                                  9.9
## 8015
          16.2 19.0
                       21.1
                             15.3
                                     8.8
                                           6.1
                                                -8.6
                                                      -7.0
                                                             -3.8
                                                                    -3.2
                                                                           4.3
                                                                                10.0
                      18.2
                             14.6
                                     7.9
                                          -0.5 -11.3 -11.5
                                                             -9.7
                                                                    -2.7
## 8016
          16.3
                18.6
                                                                           0.8
                                                                                 14.7
                             15.0
                                          -2.7
                                                -5.2 -13.5 -11.8
                                                                    -3.9
                                                                                  9.6
## 8017
          16.4
                20.8
                      19.6
                                     5.2
                                                                           4.6
## 8018
          16.5
                21.7
                       19.0
                             15.3
                                     7.0
                                          -3.1
                                                -8.0
                                                       -6.5
                                                             -9.7
                                                                    -1.4
                                                                           2.8
                                                                                  8.9
                             12.6
                                           2.3
                                                -6.7
                                                                                 10.3
## 8019
          15.7
                20.3
                       19.4
                                     3.3
                                                      -6.4 -11.7
                                                                     0.7
                                                                           4.8
## 8020
          17.9
                21.2
                       21.2
                             17.1
                                    11.3
                                           1.7
                                                 -5.5 -13.1
                                                             -1.8
                                                                     2.3
                                                                           4.8
                                                                                  8.2
                       24.2
## 8021
          15.8 19.5
                             24.4
                                    18.9
                                          12.0
                                                  6.5
                                                       -0.2
                                                             -0.4
                                                                     2.7
                                                                           5.4
                                                                                 10.5
## 8022
          16.5
                19.9
                       25.9
                             24.0
                                   19.1
                                           9.2
                                                  5.3
                                                       -3.0
                                                              3.0
                                                                     4.6
                                                                           7.1
                                                                                  8.5
## 8023
          12.0
                18.0
                       24.3
                             23.3
                                   19.8
                                          13.9
                                                                     2.0
                                                  3.1
                                                        1.7
                                                             -1.8
                                                                           6.8
                                                                                  7.9
## 8024
          13.1
                16.9
                       24.3
                             25.8
                                    22.1
                                          12.6
                                                  4.5
                                                       -0.4
                                                                     3.6
                                                                           8.4
                                                                                 12.6
                                                              1.6
## 8025
          14.9
                19.6
                       27.4
                             25.8
                                    20.3
                                          11.8
                                                  7.0
                                                        2.2
                                                             -6.8
                                                                     2.0
                                                                           7.3
                                                                                 10.0
## 8026
          16.1
                21.1
                       27.5
                             25.7
                                   19.2
                                          10.1
                                                  4.3
                                                       -4.4
                                                             -0.7
                                                                           7.6
                                                                                10.3
                                                                     2.8
## 8027
          15.9
                19.4
                       27.2
                             24.3
                                   17.9
                                          14.5
                                                  2.1
                                                        3.0
                                                             -0.7
                                                                     6.3
                                                                           9.7
                                                                                10.5
## 8028
          16.1
                24.7
                       23.9
                             25.6
                                   19.0
                                          15.0
                                                  3.0
                                                        0.0
                                                                                13.6
                                                              0.5
                                                                     4.5
                                                                           8.2
## 8029
          16.0
                22.3
                       24.5
                             24.1
                                    17.7
                                          12.4
                                                 8.0
                                                       -4.6
                                                             -5.8
                                                                     3.0
                                                                           8.9
                                                                                  9.8
## 8030
          15.5
                20.7
                       27.9
                             25.6
                                   18.7
                                           9.7
                                                  6.6
                                                       -1.9
                                                              2.8
                                                                     1.9
                                                                           6.3
                                                                                11.4
## 8031
          17.3
                20.3
                       26.9
                             24.8
                                    18.7
                                          11.4
                                                  3.8
                                                        0.2
                                                              1.9
                                                                     1.3
                                                                           6.3
                                                                                 11.7
          15.5
## 8032
                19.7
                       24.7
                             23.5
                                   17.1
                                           6.6
                                                        2.3
                                                                     2.5
                                                                           7.5
                                                  4.8
                                                              3.1
                                                                                 11.2
## 8033
                18.7
                       23.6
                             23.7
                                    17.8
                                          12.4
                                                  3.5
                                                              1.8
          15.6
                                                        0.6
                                                                     1.5
                                                                           7.1
                                                                                 11.1
          15.2 23.7
                       27.3
                             22.7
                                    17.2
                                          11.9
## 8034
                                                  5.5
                                                        0.8
                                                             -1.8
                                                                    11.6
                                                                          -8.5
                                                                                 10.6
## 8035
          23.6
                14.6
                        8.3
                              3.1
                                    19.9
                                          19.0
                                                  3.6
                                                       24.0
                                                             12.1
                                                                     1.9
                                                                          -6.3
                                                                                  9.6
## 8036
          24.6
                20.2
                      -2.1
                             -1.7
                                     9.6
                                          15.9
                                                25.2
                                                        7.9
                                                             -0.1
                                                                    -2.3
                                                                          -7.8
                                                                                 11.4
  8037
                       23.4
                             24.1
                                    21.1
                                                  4.4
                                                             -6.9
##
          16.2
                24.1
                                          15.1
                                                        2.9
                                                                    -0.1
                                                                           2.2
                                                                                  4.0
                       23.5
                             25.6
                                   25.9
## 8038
          12.9
                15.1
                                          22.6
                                                14.8
                                                        9.5
                                                              1.3
                                                                     4.8
                                                                           2.1
                                                                                  6.9
## 8039
          13.6
                17.9
                       22.5
                             26.3
                                    25.0
                                          19.2
                                                13.2
                                                       10.8
                                                              5.9
                                                                     3.8
                                                                          -1.8
                                                                                  6.5
## 8040
           9.6
                18.9
                       23.0
                             24.9
                                    23.3
                                          21.8
                                                 16.9
                                                        7.7
                                                              3.1
                                                                     2.6
                                                                           2.9
                                                                                  7.0
## 8041
          14.0
                16.8
                       25.3
                             26.6
                                   23.9
                                          21.4
                                                13.4
                                                        8.2
                                                              3.7
                                                                    -0.5
                                                                           2.5
                                                                                  6.4
## 8042
          12.4
                17.3
                       20.4
                             22.4
                                   24.4
                                          18.8
                                                 12.1
                                                       10.5
                                                              2.7
                                                                     0.1
                                                                          -0.3
                                                                                  9.1
## 8043
          14.0
                18.9
                       24.8
                             27.0
                                   25.0
                                          21.9
                                                15.0
                                                        7.9
                                                              0.4
                                                                    -1.8
                                                                           1.7
                                                                                  6.8
## 8044
          13.2
                18.6
                       23.2
                             27.2
                                    24.5
                                          21.0
                                                 13.5
                                                       10.0
                                                              6.3
                                                                     2.7
                                                                           4.5
                                                                                 11.2
## 8045
          12.4
               19.1
                       22.1
                             25.7
                                   24.3
                                          19.9
                                                14.1
                                                        5.4
                                                              6.2
                                                                     1.8
                                                                           0.6
                                                                                  5.1
## 8046
          12.7
                17.0
                       22.4
                             25.5
                                   22.3
                                          18.2
                                                14.2
                                                        7.4
                                                              3.7
                                                                    -2.0
                                                                          -1.4
                                                                                  3.8
## 8047
          10.7
                18.3
                       23.6
                             25.5
                                    22.0
                                          21.0
                                                15.4
                                                        7.1
                                                              5.1
                                                                    -0.5
                                                                          -3.4
                                                                                11.9
## 8048
          20.9
                23.1
                       26.1
                             25.5
                                    23.0
                                          12.9
                                                 11.2
                                                       10.7
                                                              0.9
                                                                     2.5
                                                                          10.3
                                                                                 12.2
                                                        3.9
## 8049
                23.4
                       25.4
                             25.4
                                   22.6
                                          15.1
                                                  8.9
                                                              2.6
                                                                           5.5
                                                                                15.1
          17.1
                                                                     5.1
## 8050
                22.3
                       26.0
                             23.8
                                    20.4
                                                                                10.7
          17.1
                                          17.6
                                                  8.7
                                                        2.4
                                                              0.6
                                                                     6.2
                                                                           4.2
## 8051
          20.5 23.4
                       26.4
                             26.7
                                    22.8
                                          15.4
                                                  6.4
                                                        4.6
                                                              1.5
                                                                     3.1
                                                                           6.0
                                                                                15.0
                       25.5
## 8052
          19.1
                23.7
                             25.2
                                    22.4
                                          16.5
                                                  6.7
                                                        3.7
                                                              4.6
                                                                     5.5
                                                                           9.4
                                                                                 11.3
## 8053
                       26.9
                             24.5
          15.2 24.1
                                   20.8
                                          14.8
                                                10.7
                                                        3.7
                                                              2.0
                                                                     3.9
                                                                           8.7
                                                                                  8.0
## 8054
                             -7.2
                                                 -1.0 -10.2
           6.0 - 14.7 - 12.1
                                   10.3
                                           6.7
                                                             -6.7 - 10.8
                                                                          -9.3
                                                                                 -1.4
## 8055
                                          -7.7
                                                  2.3
           3.4
                  9.7
                        9.4
                             -8.8
                                   -3.8
                                                        6.2
                                                              6.6
                                                                     9.8
                                                                           6.7
                                                                                  0.5
## 8056
          -2.9 -16.2 -10.8
                             -8.8
                                   -8.7 -12.0
                                                  2.2
                                                        5.5
                                                             10.5
                                                                     9.4
                                                                           5.2
                                                                                 -0.1
## 8057
          -5.3 -4.4 -8.6 -17.5 -14.6
                                          -6.9
                                                              7.2
                                                                     9.3
                                                                                 -1.0
                                                  4.2
                                                        4.9
                                                                           6.7
                                                             10.1
## 8058
          -4.4 -15.3 -11.9
                            -7.7
                                   -5.5
                                          -0.2
                                                  5.2
                                                       11.4
                                                                     5.2
                                                                          -0.5
                                                                                 -6.1
                             -9.0
                                   -5.8
                                           2.2
                                                                     7.7
## 8059
          -9.8 -3.6
                      -9.3
                                                 5.6
                                                        9.2
                                                              8.1
                                                                          -1.5
                                                                                 -8.3
## 8060
          -5.8 -18.1 -13.9
                             -8.0
                                     8.0
                                           7.3 - 12.2
                                                       -1.6
                                                             10.9
                                                                          -6.9
                                                                    -8.1
                                                                                  9.1
## 8061
           5.6 - 1.2
                      -1.2
                             -0.9
                                     6.6
                                           5.7
                                                -8.5 -10.8 -12.9 -16.8 -10.5
                                                                                -1.1
## 8062
          -8.6 -7.9 -2.7
                             -8.1
                                     3.7
                                          10.3
                                                11.3
                                                        7.3
                                                             -4.9
                                                                   -6.8
                                                                           4.1
                                                                                 10.7
                  2.3 -2.3 -13.4
## 8063
           7.0
                                   -5.5
                                          -4.5
                                                 3.0
                                                        5.0
                                                              1.0
                                                                  -3.8 -13.1
                                                                                -6.4
```

```
-11.4 -3.8
## 8064
                        5.6
                              8.5
                                     9.3
                                           6.0
                                                 0.0 - 6.3 - 9.3
                                                                  -9.0
                                                                          -8.3
                                                                                 -7.9
                 7.3
                                                                          -5.9
          -0.5
                        9.0
                             10.1
                                     6.0
                                          -1.5
                                                 -4.4 -8.3 -12.9
                                                                    -8.2
                                                                                  4.1
## 8065
                                                 -3.0 -11.9 -23.2
                                                                    -7.3
## 8066
                 10.6
                        8.4
                              5.2
                                    -1.6
                                          -3.5
                                                                          -0.4
                                                                                  9.0
                  7.6
                                                             -2.7
## 8067
           8.7
                        8.1
                              1.0
                                     9.1
                                           9.0
                                                 6.9
                                                        9.4
                                                                    -5.5
                                                                           4.3
                                                                                 -3.0
## 8068
           6.2
                 10.7
                       10.9
                             11.6
                                     7.6
                                          -1.2 -11.0 -10.9
                                                             -3.1
                                                                     4.5
                                                                           7.6
                                                                                  9.1
## 8069
           9.2
                  6.4
                        0.1
                             -9.5
                                   -6.5 -13.9
                                                 0.7
                                                        5.1
                                                             16.3
                                                                     9.6
                                                                           9.9
                                                                                 17.8
## 8070
          24.3
                  8.5
                        6.8
                             22.1
                                    23.1
                                          16.6
                                                 22.5
                                                        2.8
                                                              3.0
                                                                    14.1
                                                                          17.1
## 8071
          24.8
                24.5
                       20.6
                             17.3
                                    7.0
                                                       21.2
                                                             24.9
                                                                    29.3
                                                                          28.7
                                                                                 28.1
                                           8.3
                                                 1.0
  8072
          27.2
                 24.8
                       21.7
                             19.0
                                    16.8
                                          16.8
                                                 16.9
                                                       22.7
                                                             23.8
                                                                    26.5
                                                                          28.1
                                                                                 28.4
          26.3
                23.7
                             15.7
                                          15.5
                                                 19.8
                                                       20.2
                                                             24.7
## 8073
                       19.7
                                    15.1
                                                                    27.6
                                                                          27.3
                                                                                 27.1
## 8074
          17.5
                13.8
                       12.3
                             18.0
                                    18.2
                                          20.7
                                                 23.8
                                                       26.8
                                                             27.5
                                                                    25.4
                                                                          22.8
## 8075
                                                       27.7
                                                             27.4
                                                                    27.6
          18.7
                 15.7
                       15.6
                             19.4
                                    23.2
                                          24.8
                                                 26.2
                                                                          25.0
                                                                                 17.9
##
  8076
          14.4
                11.4
                       16.2
                             20.9
                                    20.9
                                          26.0
                                                 26.5
                                                       25.9
                                                             27.1
                                                                    26.1
                                                                          21.4
                                                                                 14.8
## 8077
                 15.5
                       18.7
                             19.5
                                    24.2
                                          27.4
                                                 27.7
                                                       26.5
                                                             23.9
                                                                    20.5
                                                                          15.2
                                                                                 15.8
          13.7
## 8078
          16.2
                17.0
                       19.3
                             22.8
                                    26.4
                                          28.4
                                                 20.6
                                                       16.9
                                                             27.2
                                                                    24.5
                                                                          20.9
                                                                                 25.4
## 8079
          28.0
                 28.5
                       28.6
                             27.0
                                    22.5
                                          18.6
                                                 10.2
                                                       13.3
                                                             16.9
                                                                    18.8
                                                                          22.4
                                                                                 24.3
## 8080
          26.9
                27.6
                       28.5
                             26.9
                                    22.0
                                          20.2
                                                 18.2
                                                       14.9
                                                             18.4
                                                                    21.0
                                                                          21.9
                                                                                 24.7
##
  8081
          26.0
                27.9
                       27.5
                             26.6
                                    24.0
                                          16.8
                                                 17.1
                                                       17.9
                                                             16.9
                                                                    15.0
                                                                          21.8
                                                                                23.0
## 8082
          27.2
                27.3
                       28.2
                             26.9
                                    23.6
                                          21.0
                                                 18.9
                                                       13.6
                                                             17.0
                                                                    17.8
                                                                          21.6
                                                                                 24.1
## 8083
          26.5
                27.4
                       28.3
                             26.6
                                   22.9
                                          17.2
                                                 17.6
                                                       14.9
                                                             14.2
                                                                    20.2
                                                                          23.4
                                                                                 24.7
          26.7
                                                 21.3
                                                       13.8
##
  8084
                26.9
                       27.0
                             26.2
                                   23.5
                                          22.8
                                                             15.3
                                                                    20.4
                                                                          21.7
                                                                                 24.1
  8085
          27.0
                28.5
                       28.1
                             26.5
                                    23.9
                                          19.3
                                                 18.5
                                                       16.6
                                                             18.0
                                                                    18.6
                                                                          22.2
                                          20.4
  8086
          26.1
                27.5
                       27.7
                             26.9
                                    24.2
                                                 16.7
                                                       13.0
                                                             19.9
                                                                    16.9
                                                                          21.0
                                                                                 23.6
##
   8087
          26.0
                 26.6
                       27.1
                             27.7
                                    24.5
                                          19.9
                                                 16.7
                                                       15.0
                                                             19.9
                                                                    18.8
                                                                          21.7
                                                                                 25.6
##
          27.8
                28.0
                       28.4
                             27.5
                                    26.2
                                          18.8
                                                 18.3
                                                       16.8
                                                                          22.4
                                                                                 23.7
##
  8088
                                                             17.8
                                                                    21.5
   8089
          26.3
                27.8
                       28.1
                             27.3
                                    26.0
                                          22.4
                                                 14.3
                                                       14.4
                                                             18.0
                                                                    19.5
                                                                          20.7
## 8090
          23.3
                27.5
                       28.6
                             27.0
                                    24.8
                                          18.8
                                                 19.2
                                                       14.8
                                                              4.4
                                                                     8.8
                                                                          11.5
                                                                                 19.8
  8091
                27.4
                       26.3
                             21.4
                                                        7.1
                                                              8.1
                                                                    14.9
##
          26.2
                                    16.3
                                          12.5
                                                  6.3
                                                                          22.2
                                                                                 24.8
## 8092
                       21.8
                            16.9
                                                              11.2
          26.0
                26.1
                                   12.4
                                          11.4
                                                  5.9
                                                        7.7
                                                                    20.6
                                                                          23.1
                                                                                 26.7
  8093
          26.9
                21.7
                       17.3
                             11.6
                                     5.0
                                           4.1
                                                 9.0
                                                       12.6
                                                             20.6
                                                                    24.9
                                                                          25.7
                                                                                 24.9
                                           7.4
## 8094
          21.9
                20.3
                      10.8
                             13.5
                                     3.5
                                                 16.6
                                                       22.7
                                                              26.5
                                                                    27.0
                                                                          26.8
                                                                                 23.4
##
  8095
          19.6
                16.3
                        6.1
                               6.8
                                    11.7
                                          14.0
                                                 17.1
                                                       22.9
                                                             26.7
                                                                    28.8
                                                                          26.5
                                                                                 26.7
                        7.5
                                                                          28.3
## 8096
          18.4
                14.9
                               6.6
                                     9.6
                                          13.6
                                                 17.2
                                                       23.7
                                                              25.7
                                                                    28.1
                                                                                 24.1
                                                       20.4
                                                                          26.7
## 8097
          14.4
                13.7
                       11.7
                              5.3
                                     8.9
                                          13.9
                                                 18.1
                                                             25.7
                                                                    26.0
                                                                                 24.0
## 8098
          15.0
                14.4
                        8.7
                             10.5
                                     8.9
                                          14.5
                                                 16.8
                                                       22.1
                                                             25.6
                                                                    26.6
                                                                          27.1
                                                                                 23.6
## 8099
          17.3
               13.7
                        4.9
                             11.2
                                   14.0
                                          15.9
                                                 17.7
                                                       22.4
                                                             27.2
                                                                    28.1
                                                                          28.2
                                                                                 25.1
## 8100
          17.7
                15.0
                       12.1
                              9.2
                                   11.4
                                          15.2
                                                 20.2
                                                       24.0
                                                             26.2
                                                                    28.7
                                                                          28.1
## 8101
          19.0 12.0
                       12.6
                              8.6
                                    11.1
                                          13.8
                                                 17.8
                                                       21.9
                                                             25.1
                                                                    27.7
                                                                          26.0
                                                                                 23.4
## 8102
          17.4 11.5
                        9.2
                              9.8
                                     9.5
                                          11.9
                                                 15.9
                                                       21.6
                                                             26.8
                                                                    27.4
                                                                          28.6
                                                                                 24.6
          18.2 12.3
## 8103
                        8.9
                              5.5
                                   10.2
                                          14.4
                                                 20.1
                                                       20.7
                                                             25.3
                                                                    24.4
                                                                          24.9
                                                                                 22.1
## 8104
          17.6
                15.8
                       11.5
                              9.0
                                    10.3
                                          15.6
                                                 19.0
                                                       23.9
                                                             25.5
                                                                    27.9
                                                                          27.5
## 8105
                                                                    27.0
          16.9
                 9.9
                        8.1
                              7.2
                                     9.1
                                          11.3
                                                 16.1
                                                       23.5
                                                             25.2
                                                                          26.0
                                                                                 21.9
          17.2 12.8
                       10.2
                              7.4
                                   11.0
                                                 15.4
                                                       20.7
                                                              24.7
                                                                    27.2
## 8106
                                          16.4
                                                                          25.9
                                                                                 24.3
                10.2
                        7.2
                              8.9
                                     9.9
                                          12.9
                                                 16.6
                                                       22.8
                                                             27.2
                                                                    27.8
## 8107
          17.3
                                                                          27.1
                                                                                 25.8
## 8108
                       10.7
                                                 19.8
          19.5
                14.4
                             10.4
                                    11.7
                                          12.2
                                                       21.3
                                                             25.4
                                                                    27.6
                                                                          28.6
                                    12.3
                                                 16.2
## 8109
          18.0
                13.0
                        8.6
                              8.8
                                          15.2
                                                       23.6
                                                             25.4
                                                                    28.3
                                                                          28.4
                                                                                 24.0
## 8110
          18.7
                11.4
                        4.0
                              5.6
                                    11.8
                                          10.8
                                                 18.9
                                                       21.7
                                                             24.8
                                                                    27.2
                                                                          26.4
                                                                                 23.0
          16.2
                14.8
                       10.8
                              9.3
                                     7.8
                                                             25.5
                                                                    27.4
                                                                          27.1
                                                                                 26.0
## 8111
                                          13.8
                                                 19.4
                                                       21.7
## 8112
          20.7
                11.5
                        8.6
                              4.8
                                     9.3
                                          14.2
                                                 17.6
                                                       23.3
                                                             24.9
                                                                    26.5
                                                                          27.0
                                                                                 22.9
                              7.7
                                                             25.4
                                                                          24.8
## 8113
          17.7
                14.5
                        6.6
                                     8.0
                                          15.5
                                                 16.9
                                                       22.5
                                                                    26.7
                                                                                 23.6
## 8114
          21.6
                15.0
                        7.8
                             10.2
                                    11.1
                                          12.3
                                                 16.8
                                                       20.8
                                                             25.3
                                                                    27.4
                                                                          27.9
                                                                                 25.3
                                                                    28.4
## 8115
          18.4
               14.0
                        7.5
                             11.5
                                     9.0
                                          14.4
                                                 20.5
                                                       22.5
                                                             26.4
                                                                          28.3
                                                                                 23.4
## 8116
          17.7
                11.8
                        9.3
                              8.1
                                     8.1
                                          15.6
                                                 16.5
                                                       22.6
                                                             26.6
                                                                    26.3
                                                                          28.7
                                                                                 24.6
                                                            25.9
## 8117
          19.0 12.5 11.3
                              6.5
                                   10.6
                                          13.9 17.5
                                                      21.8
                                                                    26.9
                                                                          25.5
                                                                                23.3
```

```
8.3 10.5 14.8 17.3 22.1
## 8118
          16.8 11.1 10.0
                                                           27.0
                                                                 26.2
                                                                        25.4
                                                                              23.7
## 8119
          16.9 11.7
                       7.1
                             4.5
                                   5.0
                                        10.8 18.5
                                                     23.2
                                                           27.4
                                                                 28.1
                                                                        27.7
                                                                              25.0
                                         14.1
                                                                        27.6
## 8120
          18.1
               12.8
                       5.9
                             5.6
                                    9.7
                                               19.4
                                                     21.1
                                                           27.3
                                                                 27.1
                                                                              22.4
## 8121
                13.0
                       9.3
                                        18.3
                                               19.0
                                                     23.1
                                                           25.7
                                                                        25.4
          15.7
                            11.1
                                  11.4
                                                                  26.9
                                                                              22.8
## 8122
          16.8
               10.4
                      10.6
                             9.6
                                    9.1
                                         10.5
                                               16.9
                                                     20.5
                                                           25.6
                                                                  25.5
                                                                        25.7
                                                                              23.8
## 8123
          18.3
               10.1
                       8.9
                             3.4
                                   8.2
                                        12.0
                                               17.1
                                                     21.4
                                                           25.3
                                                                 25.8
                                                                        26.3
                                                                              24.6
          18.9
                 9.6
                      10.2
                             6.4
                                    5.6
                                        14.7
                                               19.2
                                                     22.2
                                                           26.0
                                                                  27.7
## 8124
                                                                        26.5
## 8125
          18.9 14.9
                     13.6
                             6.5
                                  10.5
                                        15.4
                                               18.1
                                                     21.8
                                                           27.3
                                                                 28.5
                                                                        27.8
                                                                              26.8
## 8126
          21.0 14.7
                      11.0
                           12.7
                                  14.6
                                         15.9
                                               20.4
                                                     22.0
                                                           24.8
                                                                 27.6
                                                                        26.7
                                                                              23.9
          19.4 13.8
                             5.4
                                  15.3
                                                     24.2
                                                           27.1
                                                                 27.5
                                                                        26.9
                                                                              26.4
## 8127
                       8.7
                                         14.6
                                               16.6
## 8128
          20.5
               11.1
                      10.5
                             8.2
                                  14.5
                                         13.9
                                               18.5
                                                     24.4
                                                           26.9
                                                                  26.5
                                                                        28.3
                                                                              27.1
                      11.9
## 8129
          19.2 10.0
                            10.4
                                  11.0
                                         19.6
                                               16.9
                                                     20.8
                                                           25.1
                                                                  26.6
                                                                        26.0
                                                                              24.9
## 8130
          18.8 14.6
                       8.8
                             8.2
                                    2.1
                                          5.0
                                                5.0
                                                      6.1
                                                            6.6
                                                                 -1.5
                                                                         0.7
                                                                               9.7
          20.3
               17.5
                       3.6
                                  10.9
                                         19.9
                                               19.5
                                                      9.6
                                                           12.1
                                                                 -4.5
## 8131
                             8.1
                                                                        21.3
                                                                              19.2
## 8132
          13.3
                 6.7
                       0.1
                            -2.2
                                  -2.4 - 10.5
                                                6.5
                                                      8.5
                                                           15.9
                                                                 20.2
                                                                        19.9
                                                                              14.5
## 8133
           2.5
                 0.2
                      -0.3
                             0.2
                                  -2.9
                                          5.2
                                               11.7
                                                     17.3
                                                           21.4
                                                                 16.1
                                                                         6.0
                                                                               3.5
## 8134
          -0.6
                -0.8
                      -8.4
                             5.5
                                  10.7
                                         20.9
                                               23.9
                                                     19.4
                                                           17.1
                                                                  9.1
                                                                         6.0
                                                                              -1.3
## 8135
          -1.7
                 9.0
                      14.9
                            21.7
                                  25.7
                                         18.9
                                                1.3
                                                      1.0
                                                           11.1
                                                                 15.9
                                                                        22.5
                                                                              24.2
                                                                              23.8
## 8136
          24.3
               20.8
                     16.7
                             7.1
                                    6.4
                                         -1.0
                                                1.2
                                                      5.1
                                                            7.4
                                                                 11.9
                                                                        17.2
## 8137
          25.5
                24.2
                      18.8
                             9.5
                                    8.2
                                         -2.4
                                               -1.3
                                                     -0.9
                                                            6.8
                                                                 14.5
                                                                        16.7
                                                                              25.5
## 8138
          26.6
               26.7
                      22.5
                           14.9
                                    5.7
                                          0.9
                                               -1.3
                                                      0.1
                                                            6.9
                                                                 13.2
                                                                        17.7
                                                                              26.6
## 8139
          30.6
               28.7
                      19.9
                            14.1
                                    6.3
                                         -0.2
                                                2.5
                                                      2.5
                                                           12.3
                                                                 14.1
                                                                        20.6
                                                                              26.2
## 8140
          28.9 24.5
                      20.3
                            12.2
                                    8.4
                                          1.3
                                                0.6
                                                            5.7
                                                                  9.5
                                                                        18.3
                                                                              25.2
                                                      1.1
          26.1
               24.8
                      22.4
                            12.9
                                    5.5
                                         -1.1
                                               -0.1
                                                     -2.1
                                                            4.8
                                                                 12.3
                                                                        18.8
                                                                              23.4
## 8141
          24.1
                                                0.7
               26.1
                      20.9
                            14.7
                                    4.5
                                                      0.4
                                                            8.8
                                                                       16.1
                                                                              24.6
## 8142
                                          1.5
                                                                 13.5
## 8143
          25.9
                23.8
                      22.8
                            14.2
                                    6.4
                                          1.9
                                                0.0
                                                      4.7
                                                            9.0
                                                                 12.3
                                                                        15.7
                                                                              24.4
## 8144
          26.1
                23.4
                      20.6
                            15.7
                                    8.4
                                         -1.4
                                                0.3
                                                      4.9
                                                            9.3
                                                                 12.6
                                                                        16.2
                                                                              23.8
          26.7
                23.5
                      21.7
                            14.0
                                               -0.4
                                                                  9.3
                                                                        21.9
## 8145
                                    7.5
                                          0.5
                                                      0.4
                                                            8.4
                                                                              26.2
                      21.4
                                                0.9
                                                                 13.2
## 8146
          26.0
               24.4
                            11.3
                                    3.6
                                          1.0
                                                     -1.6
                                                            4.4
                                                                       16.0
                                                                              22.6
                      25.5
                                                      2.4
## 8147
          26.8
                26.8
                            10.5
                                    5.8
                                          3.2
                                                2.0
                                                            8.9
                                                                 12.3
                                                                        17.5
                                                                              26.0
## 8148
          26.3
                25.3
                      20.2
                            12.2
                                    9.1
                                          2.3
                                                2.0
                                                     -3.4
                                                            8.5
                                                                 12.0
                                                                        17.2
                                                                              25.7
## 8149
          26.5
               27.2
                      23.9
                            15.7
                                    8.4
                                          5.6
                                               -0.6
                                                     17.8
                                                           18.1
                                                                 24.8
                                                                        22.4
                                                                              13.3
                      16.9
                            25.6
                                  26.4
                                         23.9
                                                                 22.4
                                                                        27.4
## 8150
          17.5
               14.5
                                               21.1
                                                     11.9
                                                           18.4
                                                                              12.9
## 8151
          14.3 18.2 12.5
                            13.2
                                  18.0
                                         18.9
                                               25.7
                                                     26.5
                                                           26.4
                                                                 26.1
                                                                        24.2
                                                                              19.7
                            21.2
                                                                        27.3
## 8152
          12.2
               12.4
                      15.1
                                  21.5
                                         26.9
                                               27.6
                                                     10.7
                                                           18.4
                                                                 26.1
                                                                              26.3
## 8153
          26.3 21.2 17.5
                            11.7
                                  13.2 18.3
                                               19.6
                                                     24.1
                                                           25.5
                                                                 26.4
                                                                        26.2
                                                                              25.3
## 8154
          18.7
               15.0 12.4
                            13.9 16.4
                                        19.6
                                               24.6
                                                     25.8
                                                           25.9
                                                                 26.5
                                                                        24.1
## 8155
          15.9 11.4
                       9.3
                            15.1
                                  18.5
                                         22.1
                                               24.8
                                                     27.0
                                                           26.0
                                                                 24.2
                                                                        17.4
                                                                              11.5
## 8156
          10.4 11.8
                      12.6
                            14.4
                                  21.9
                                         25.4
                                               27.3
                                                     26.1
                                                           16.4
                                                                 13.3
                                                                        11.4
                                                                              15.7
                      26.9
               25.6
                                  13.9
                                        11.2
                                                     23.1
                                                           26.6
## 8157
          23.0
                            19.3
                                               18.2
                                                                 27.7
                                                                        21.7
                                                                              10.0
## 8158
          12.9
               18.7
                      24.6
                            12.7
                                  10.5
                                        18.9
                                               22.8
                                                     26.0
                                                           26.0
                                                                 24.8
                                                                        20.9
                                                           25.1
## 8159
          27.0 27.6 14.3
                            24.4
                                  16.7
                                         12.3
                                               15.2
                                                     21.4
                                                                 26.0
                                                                        27.1
                                                                              21.2
               15.3
                      13.6
                            20.5
                                  23.3
                                         27.6
                                               16.0
                                                     24.4
                                                           27.9
## 8160
          14.6
                                                                  28.3
                                                                        24.8
                                                                              19.5
          10.5
                 9.5
                      21.4
                            18.8
                                   9.5
                                        19.6
                                               23.0
                                                     27.9
                                                           27.2
                                                                 25.5
## 8161
                                                                        21.1
                                                                              16.1
          14.3 15.8
                      20.8
                            23.0
                                  24.8
                                         26.6
                                                            7.7
## 8162
                                               21.0
                                                     12.2
                                                                 17.2
                                                                        18.0
                                                                              23.4
          25.8
               25.9
                      25.9
                            26.3
                                               25.2
                                                     26.7
                                                           26.9
                                                                 27.3
                                                                        26.9
## 8163
                                  10.7
                                         16.0
                                                                              13.7
                                         27.3
## 8164
          13.3
                14.0
                      20.0
                            22.8
                                  25.8
                                               27.3
                                                     25.1
                                                           22.7
                                                                 18.3
                                                                        11.6
                                                                               3.4
## 8165
          -0.3
                17.8
                      23.0
                            26.4
                                  24.6
                                        17.4
                                                      2.8
                                                           -2.0
                                                                 -3.6
                                                                        10.8
                                                                              22.8
                                                6.8
## 8166
          26.7
                20.3
                      14.8
                             5.7
                                  -2.0
                                         -3.3
                                               10.2
                                                     16.9
                                                           22.6
                                                                 24.6
                                                                        22.8
                                                                              18.6
                      -2.9
                            -3.9
                                   1.5
                                         11.2
                                                     23.2
## 8167
          12.7
                 5.3
                                               17.7
                                                           18.5
                                                                  9.7
                                                                        -6.2
                                                                              -4.4
## 8168
          15.4
                17.3
                      24.9
                            26.2
                                  26.8
                                         13.9
                                               -2.1
                                                     -5.4
                                                           12.9
                                                                  24.0
                                                                        28.3
                                                                              24.7
                      14.4
                            20.9
                                        28.9
## 8169
           7.4
                 0.7
                                  24.8
                                               18.5
                                                     12.0
                                                           10.5
                                                                 17.3
                                                                        24.5
                                                                              21.5
                                               23.2
## 8170
          12.8
                 4.8
                     -4.7
                            -5.3
                                  12.1
                                        19.0
                                                     19.2 13.6
                                                                  2.9
                                                                        -1.2
                                                                              -4.7
          14.2 18.1 23.8 25.3 23.3
                                                8.9
                                                            3.3 17.4 25.7
## 8171
                                        14.2
                                                    -2.1
                                                                              25.7
```

```
24.8 16.6 -0.6 14.1 18.0 23.9 26.2 21.8 14.1
## 8172
                                                                 6.8 - 2.8
                                                                            -0.4
## 8173
                                                                      26.1
          8.5 23.0
                     25.7
                           25.9 20.9
                                       12.6
                                               1.9
                                                   -2.9
                                                          -2.5
                                                               17.2
                                                                            23.5
## 8174
         23.1
                 3.8
                     -1.1
                           -0.2 	 10.2
                                       25.0
                                              26.3
                                                    11.2
                                                           0.7
                                                                -0.3
                                                                       0.8
## 8175
         19.9 22.6 23.9 15.7
                                  9.1
                                                    12.4
                                                                      25.0
                                         1.5
                                               4.2
                                                          18.4
                                                                23.1
## 8176
         19.3 14.2
                       0.6
                           17.6
                                 23.4
                                        19.4
                                              -0.4
                                                     1.4
                                                          15.6
                                                                19.4
                                                                      25.8
                                                                            26.4
## 8177
         27.9 14.8
                       0.7
                             3.0
                                 15.3
                                       17.6
                                              26.4
                                                     9.5
                                                           5.0
                                                                16.7
                                                                      21.6
                                                                            25.1
         29.1 25.8 21.4
                           13.5
                                   9.0
                                         3.4
                                              12.2
                                                    24.4
                                                          22.3
                                                                13.9
## 8178
                                                                      25.4
## 8179
         14.1 21.2 16.0
                             6.1
                                   2.6
                                        0.3
                                              18.8
                                                    26.8
                                                          24.4
                                                                 2.6
                                                                            25.5
## 8180
         22.6 18.4 11.7
                           10.2 16.1
                                        19.0
                                              26.4
                                                    23.6
                                                          21.8 15.4
                                                                      11.3
                                                                            26.1
         24.6 22.6
                      6.2
                                        19.3
                                              22.9
                                                    24.9
                                                          25.1 24.8
                                                                             5.0
## 8181
                             5.7
                                 15.4
                                                                       4.5
                           26.2
## 8182
         13.2 17.5
                     24.4
                                  24.3
                                        20.6
                                              13.6
                                                    11.4
                                                           3.3
                                                               -7.3
                                                                      -9.1
                                                                            -2.4
                     20.2
                                                    -2.2
## 8183
         14.7
               17.8
                           20.5
                                 14.6
                                        8.6
                                               3.8
                                                          -6.0 -10.3
                                                                       3.3
                                                                            12.6
                                                    -4.7
## 8184
         16.6 20.2 18.5
                            14.9
                                   9.0
                                         5.8
                                              -0.5
                                                          -6.8
                                                               -0.4
                                                                      14.9
                                                                            16.6
## 8185
         21.0 20.9
                     16.6
                             7.2
                                        -5.8
                                              -8.9
                                                    -0.5
                                                           0.1
                                                               14.0
                                                                      18.5
                                                                            20.8
                                   1.0
## 8186
          19.6 14.5
                      7.7
                             3.4
                                 -3.0
                                        -9.3
                                              -4.5
                                                     0.2
                                                          15.2
                                                                16.4
                                                                      21.2
                                                                            17.9
                                               2.0
## 8187
          15.7
               10.1
                       5.3
                             1.2
                                  -4.0
                                        -2.4
                                                    12.0
                                                          19.2
                                                                22.3
                                                                      21.3
                                                                            17.5
## 8188
         10.0
                4.1
                     -4.7
                           -6.6
                                   0.4
                                        -3.3
                                              11.4
                                                    19.1
                                                          20.2
                                                                20.7
                                                                      14.4
                                                                            12.1
                      -7.3
                           -3.2
## 8189
          3.2
                1.1
                                   1.7
                                        14.9
                                              16.1
                                                    20.2
                                                         19.4
                                                                16.0
                                                                      10.0
                                                                             4.2
## 8190
         -5.4 -5.2
                     -5.8
                             2.2
                                   8.8
                                       15.5
                                              16.7
                                                    20.3
                                                         18.9
                                                                16.1
                                                                       9.4
                                                                             1.7
                     -5.0
## 8191
         -0.6
               -5.0
                             3.3
                                   9.4
                                       14.2
                                              19.0
                                                    21.6
                                                          18.8
                                                                15.0
                                                                       7.2
                                                                             3.9
## 8192
         -1.4
               -6.7
                     -5.0
                             0.7
                                   6.4
                                       14.2
                                              17.2
                                                    23.1
                                                          21.0
                                                                14.0
                                                                       6.1
                                                                             4.5
## 8193
         -3.8
              -2.7
                     -5.6 -0.1
                                   5.3
                                       12.9
                                              18.4
                                                    20.3
                                                          18.6
                                                                15.1
                                                                      10.3
                                                                             2.1
        -10.0 -0.3 -1.9
                             2.6
## 8194
                                   8.5 11.6
                                              18.1
                                                    20.1
                                                          19.2
                                                                14.4
                                                                      10.9
                                                                             4.8
## 8195
           0.0 - 4.8
                     -2.0
                             2.2
                                   9.6
                                        16.6
                                              19.3
                                                    21.2
                                                          20.7
                                                                15.0
                                                                      10.8
                                                                             4.0
                                                    18.7
                                                          17.8
## 8196
         -1.0 -3.5 -3.2 -1.1
                                                                             2.7
                                   6.3
                                       13.0
                                              17.1
                                                                14.7
                                                                       6.8
## 8197
         -2.2 -3.6 -7.8 -1.9
                                   7.1
                                       13.8
                                              17.2
                                                    20.9
                                                          20.2
                                                                13.9
                                                                       7.9
                                                                             2.8
                           -0.7
## 8198
         -3.7 -10.2 -6.7
                                   8.3
                                       11.7
                                              19.2
                                                    21.6
                                                          18.2
                                                                14.7
                                                                       9.3
                                                                             5.6
## 8199
          0.2 -1.9
                     -6.3
                             2.6
                                   5.2
                                       13.0
                                              19.6
                                                          22.0
                                                    22.3
                                                                14.7
                                                                      12.1
                                                                             0.1
## 8200
         -5.9 -6.6 -5.4 -1.9
                                                          19.5
                                   5.1
                                       11.4
                                              18.6
                                                   18.6
                                                                15.3
                                                                       9.0
                                                                             0.4
                     -2.1
## 8201
         -0.5 -6.1
                           -0.2
                                   5.4
                                        9.9
                                              18.1
                                                    19.5
                                                          18.2
                                                                14.2
                                                                       8.6
                                                                             1.0
         -2.3 -0.7
## 8202
                     -0.5
                             2.2
                                   7.8
                                        16.1
                                              17.1
                                                    19.7
                                                          20.4
                                                                16.8
                                                                       9.3
                                                                             3.8
## 8203
          0.5
               -5.3
                     -2.6
                           -1.0
                                   7.0
                                        14.9
                                              19.0
                                                    21.9
                                                          18.6
                                                                16.7
                                                                       8.3
                                                                             4.8
## 8204
               -6.7
                      -2.9
                             4.0
         -1.4
                                   6.1
                                        13.9
                                              17.8
                                                    18.1
                                                          18.2
                                                                14.2
                                                                       9.8
                                                                             1.9
## 8205
         -6.8 -4.3
                     -3.3
                           -2.2
                                   7.7
                                        13.7
                                              18.3
                                                    18.5
                                                          21.5
                                                                14.5
                                                                       9.9
                                                                             6.8
## 8206
          0.7
               -1.1
                      -1.0
                             1.1
                                   7.8
                                        10.8
                                              18.3
                                                    21.2
                                                          21.4
                                                                17.1
                                                                       7.5
                                                                             1.9
## 8207
         -3.9 -9.1
                     -7.0
                             0.0
                                   5.7
                                        12.0
                                              17.0
                                                    20.0
                                                          20.4
                                                                15.1
                                                                       7.7
                                                                             5.1
## 8208
         -2.1 -10.4
                     -4.7
                             1.9
                                   7.1
                                        15.3
                                              16.9
                                                    19.2
                                                          18.9
                                                                16.5
                                                                       9.2
                                                                             3.8
## 8209
         -2.9 -6.8
                     -3.1 -1.7
                                   8.7
                                        11.0
                                              20.8
                                                    22.0
                                                          22.1
                                                                17.4
                                                                       9.9
                                                                             5.1
## 8210
         -4.6 -0.8
                     -3.9
                             0.2
                                   8.1
                                        13.4
                                              17.7
                                                    21.7
                                                          19.5
                                                                14.3
                                                                       8.6
                                                                             6.1
           1.8 -2.8 -7.3
                                   5.7
                                                          20.5
                                                                      13.7
## 8211
                             0.3
                                        14.7
                                              19.3
                                                   19.7
                                                                17.6
                                                                             3.1
## 8212
         -2.6
              -2.7
                     -4.4
                           -0.4
                                   9.8
                                       11.4
                                              19.6
                                                    21.0
                                                          18.3
                                                                15.8
                                                                             2.5
                                                                       8.6
## 8213
         -2.8 -8.5 -3.4
                             1.7
                                   8.8
                                       13.5
                                              17.2
                                                    18.5
                                                          20.1
                                                                14.8
                                                                       8.5
                                                                             6.0
## 8214
         -3.2 -5.3
                     -4.2
                             4.5
                                        15.4
                                              18.7
                                                    22.4
                                                          20.7
                                  10.7
                                                                16.5
                                                                       9.4
                                                                             4.1
## 8215
         -4.9
               -6.8 -4.0
                           -0.4
                                       15.0
                                              18.8
                                                    22.8
                                                          19.7
                                                                16.8
                                   7.8
                                                                       9.6
                                                                             6.9
## 8216
           0.6 -2.5 -0.8
                             7.4
                                   7.0
                                        16.4
                                              18.2
                                                    22.4
                                                          20.3
                                                                15.2
                                                                      10.0
                                                                             2.3
           0.2 -3.3 -4.4
                           -0.9
                                   6.7
                                        14.4
                                              18.1
                                                    21.9
                                                                14.5
## 8217
                                                          19.0
                                                                      11.4
                                                                             1.4
               -8.1 -6.7
                           -3.2
## 8218
         -2.3
                                   7.1
                                        14.6
                                              18.9
                                                    20.0
                                                          18.7
                                                                15.9
                                                                      10.6
                                                                             1.9
## 8219
         -0.9 -7.7 -10.8
                           -2.9
                                   6.8
                                        16.8
                                                    20.0
                                                          19.5
                                                                18.4
                                                                             6.7
                                              17.6
                                                                       8.9
## 8220
           4.8 -4.1 -2.3
                             4.0
                                   5.8
                                       13.4
                                              18.1
                                                    21.8
                                                          21.3
                                                                17.0
                                                                       9.5
                                                                             4.5
## 8221
         -2.7 -2.5 -0.2
                           -1.8
                                  10.0
                                        12.0
                                              17.7
                                                    19.8
                                                          18.0
                                                                16.4
                                                                      12.6
                                                                             2.6
## 8222
         -4.4
               -5.9 -0.8
                           -1.9
                                   3.5
                                       16.2
                                              17.8
                                                    21.2
                                                          20.8
                                                                17.1
                                                                       8.8
                                                                             0.5
         -1.2 -6.4 -3.4 -0.7
## 8223
                                   8.1
                                       13.2 17.3
                                                   21.9
                                                          19.3
                                                               16.1
                                                                      10.4
                                                                             0.5
                                                    22.8
## 8224
         -2.3 -1.9 -2.2
                             3.4
                                   5.0 12.3 18.5
                                                          20.8 15.6
                                                                       9.9
                                                                             6.0
## 8225
         -1.5 -4.2 -4.8
                             2.2
                                   7.4 12.8 19.9 20.0 21.4 16.2 12.7
                                                                             2.5
```

```
## 8226
           0.9
                -7.6
                         8.3
                               5.5 12.5 19.3 22.0 25.2
                                                              28.7
                                                                     29.2
                                                                           20.9
                                                                                  15.3
## 8227
          10.5
                  6.2
                               4.6
                                    15.9
                                           13.8
                                                 21.1
                                                        24.4
                                                              26.4
                                                                     28.7
                                                                           23.4
                                                                                  18.1
                         1.8
                                                                           21.4
## 8228
          11.2
                  3.7
                         3.3
                               4.4
                                    10.6
                                           15.0
                                                 21.0
                                                        25.8
                                                              28.7
                                                                     27.1
                                                                                  15.9
## 8229
           9.8
                                                        27.3
                  4.1
                         2.1
                               8.0
                                    11.6
                                           15.1
                                                 19.6
                                                              26.8
                                                                     26.1
                                                                           21.5
                                                                                  13.4
## 8230
          12.8
                  1.5
                         1.1
                               2.5
                                    10.2
                                           17.8
                                                 21.3
                                                        27.7
                                                              29.1
                                                                     29.3
                                                                           23.7
                                                                                  17.3
## 8231
          11.1
                  3.7
                         1.2
                                    11.4
                                           17.4
                                                 20.4
                                                        29.1
                                                              32.7
                                                                     30.9
                                                                           21.5
                                                                                  17.5
                               4.1
          10.6
                  5.8
                         6.3
                                    16.4
                                           19.0
                                                 23.7
                                                        27.1
                                                              31.2
                                                                     28.3
                                                                           23.9
## 8232
                               7.6
## 8233
          10.9
                  6.5
                                           13.6
                                                 19.3
                                                        26.2
                                                              27.3
                                                                     27.1
                         4.7
                               5.3
                                     8.7
                                                                           24.1
                                                                                  16.2
## 8234
           8.8
                  1.9
                         2.3
                               2.6
                                     8.2
                                           16.2
                                                 21.5
                                                        25.9
                                                              25.6
                                                                     28.2
                                                                           22.6
                                                                                  17.9
## 8235
           7.3
                                                              28.2
                                                                     25.7
                                                                                  17.0
                  5.8
                         3.3
                               1.7
                                    11.2
                                           16.7
                                                 19.4
                                                        26.5
                                                                           24.2
  8236
          11.1
                  8.3
                         3.5
                               9.3
                                    13.8
                                           17.4
                                                 19.9
                                                        28.0
                                                              28.8
                                                                     27.5
                                                                           25.0
                                                                                  19.7
## 8237
          13.0
                  4.3
                         5.4
                              10.7
                                    13.9
                                           17.0
                                                 20.7
                                                        26.1
                                                              28.4
                                                                     25.7
                                                                           23.4
                                                                                  17.5
## 8238
          11.9
                  5.4
                         2.6
                               5.3
                                    11.8
                                           12.5
                                                 24.7
                                                        27.6
                                                              28.4
                                                                     26.7
                                                                           23.8
                                                                                  16.2
## 8239
           6.9
                  5.5
                                     8.8
                                           17.3
                                                 20.7
                                                        25.2
                                                              27.6
                                                                     27.9
                                                                           27.3
                         3.2
                               4.4
                                                                                  14.4
## 8240
           8.7
                  7.2
                         6.1
                               6.6
                                    14.0
                                           15.5
                                                 20.6
                                                        28.0
                                                              29.3
                                                                     27.5
                                                                           22.9
                                                                                  16.1
## 8241
           11.2
                  5.7
                         4.4
                               9.6
                                     9.8
                                           14.1
                                                 20.6
                                                        25.0
                                                              27.8
                                                                     29.3
                                                                           27.2
                                                                                  21.9
## 8242
          17.9
                 12.6
                         6.5
                               3.7
                                     9.1
                                           14.6
                                                 15.8
                                                        20.2
                                                              25.4
                                                                     25.9
                                                                           26.8
                                                                                  24.9
## 8243
          20.6
                 12.2
                         7.8
                               6.0
                                    10.6
                                           13.2
                                                 18.6
                                                        24.0
                                                              29.1
                                                                     27.3
                                                                           26.2
                                                                                  21.6
## 8244
          17.8
                11.5
                         7.7
                               7.2
                                    11.6
                                           14.8
                                                 19.4
                                                        23.6
                                                              27.9
                                                                     28.0
                                                                           28.1
                                                                                  21.8
## 8245
          16.9
                 12.4
                         5.0
                               5.0
                                     6.0
                                           12.6
                                                 18.0
                                                        22.1
                                                              28.9
                                                                     26.5
                                                                           29.2
                                                                                  24.6
                                     7.6
## 8246
          19.7
                 11.8
                         8.4
                               5.9
                                           16.6
                                                 22.0
                                                        24.1
                                                              31.1
                                                                     30.6
                                                                           31.0
                                                                                  24.8
## 8247
          19.4
                 12.5
                         5.5
                               8.7
                                     9.6
                                           16.2
                                                 22.1
                                                        24.5
                                                              29.1
                                                                     28.7
                                                                            28.5
## 8248
          18.0
                14.4
                         8.8
                               7.0
                                     9.1
                                           14.6
                                                 18.0
                                                        23.3
                                                              28.7
                                                                     27.5
                                                                           29.0
                                                                                  25.3
## 8249
          19.0
                10.6
                         6.3
                               7.0
                                     9.1
                                           13.5
                                                 19.4
                                                        23.2
                                                              28.3
                                                                     28.6
                                                                           28.8
                                                                                  23.8
          20.8
                10.7
## 8250
                         9.5
                               4.9
                                                 18.6
                                                              26.4
                                                                     29.0
                                                                           29.2
                                                                                  26.4
                                     8.0
                                           12.5
                                                        21.7
## 8251
          19.6
                12.5
                         8.4
                               7.1
                                    11.2
                                           16.0
                                                 19.3
                                                        23.0
                                                              27.2
                                                                     31.1
                                                                           27.3
                                                                                  24.1
## 8252
          22.0
                 14.8
                         8.1
                               8.4
                                    13.4
                                           17.6
                                                 19.7
                                                        23.4
                                                              28.4
                                                                     28.7
                                                                           26.9
                                                                                  25.3
  8253
                 14.9
                                    10.0
                                           16.6
                                                 18.7
                                                        27.7
                                                               29.4
##
          18.9
                         7.1
                               6.1
                                                                     29.5
                                                                           28.8
                                                                                  23.4
## 8254
                  9.9
                                                              27.3
                                                                     28.2
          17.3
                         7.3
                                    10.7
                                           12.3
                                                 19.2
                                                        21.1
                                                                           31.0
                                                                                  26.6
                               8.1
## 8255
          18.1
                10.7
                         9.8
                               8.3
                                     7.7
                                           16.4
                                                 18.2
                                                        25.3
                                                              28.1
                                                                     30.8
                                                                           30.2
                                                                                  22.5
                        7.7
## 8256
          18.3
                 14.2
                               6.7
                                     5.1
                                           14.1
                                                 16.5
                                                        22.0
                                                              27.0
                                                                     26.7
                                                                           27.0
                                                                                  26.3
##
  8257
          20.6
                 13.7
                       14.1
                               6.7
                                    10.6
                                           22.9
                                                 11.9
                                                        18.3
                                                              17.9
                                                                     21.6
                                                                           14.4
                                                                                   5.7
                       27.4
                                     7.0
##
  8258
          16.9
                 24.1
                              22.4
                                            8.0
                                                 17.4
                                                        20.9
                                                              24.8
                                                                     26.2
                                                                           26.2
                                                                                  23.2
                                                              25.8
                                                                           15.6
## 8259
          19.5
                10.8
                       12.7
                               5.5
                                    16.0
                                           20.6
                                                 26.3
                                                        26.0
                                                                     22.5
                                                                                   8.7
## 8260
           9.0
                  6.0
                        8.3
                              16.2
                                    20.8
                                           26.2
                                                 25.6
                                                        25.6
                                                               15.7
                                                                      4.4
                                                                            4.1
                                                                                  11.0
## 8261
          17.7
                22.5
                       27.0
                              28.4
                                    27.9
                                           24.3
                                                 17.7
                                                        11.6
                                                               2.8
                                                                      4.4
                                                                            9.3
                                                                                  12.6
## 8262
          17.8
                21.3
                       27.3
                              28.3
                                    28.2
                                           23.0
                                                 16.0
                                                        10.6
                                                               9.8
                                                                      8.5
                                                                           10.1
                                                                                  17.4
## 8263
          18.0
                22.6
                       24.2
                              28.1
                                    25.5
                                           22.6
                                                 16.9
                                                        10.8
                                                               10.1
                                                                      9.7
                                                                            7.4
                                                                                   9.3
## 8264
          16.3
                19.3
                       24.9
                              25.5
                                    24.8
                                           23.3
                                                 17.4
                                                         9.9
                                                               8.7
                                                                      3.1
                                                                            8.4
                                                                                  10.9
                       26.0
                                    26.3
                                                               9.2
## 8265
          16.9
                21.5
                              26.4
                                           23.7
                                                 17.6
                                                         9.0
                                                                      5.5
                                                                             4.5
                                                                                  13.3
  8266
                21.3
                       25.9
                              27.1
                                    25.6
                                           22.1
                                                 16.2
                                                        13.2
                                                              13.2
                                                                                  15.4
          17.5
                                                                      5.3
                                                                            8.2
## 8267
          17.2 20.9
                       26.3
                              28.0
                                    26.5
                                           25.4
                                                 19.6
                                                        13.8
                                                               8.3
                                                                     10.4
                                                                           12.6
                                                                                  13.5
                       24.0
                              26.6
                                    25.5
                                           22.5
                                                 17.4
                                                                      4.6
## 8268
          18.8
                 21.0
                                                        12.6
                                                               7.8
                                                                           13.4
                                                                                  11.0
## 8269
                 22.2
                       25.3
                              25.6
                                           25.3
                                                 18.5
                                                         9.4
                                                               8.2
          15.1
                                    25.1
                                                                      7.0
                                                                           11.3
                                                                                  12.0
## 8270
                 24.2
                       24.8
                              27.8
                                    26.8
                                                 19.5
                                                               10.3
          18.1
                                           26.0
                                                        11.1
                                                                      9.4
                                                                            8.2
                                                                                  16.1
## 8271
                       23.2
                                           23.5
                                                 19.8
                                                                            7.2
          15.3
                18.8
                              26.3
                                    24.6
                                                        13.2
                                                               6.3
                                                                      6.1
                                                                                  15.0
## 8272
          15.7
                 19.4
                       23.6
                              24.8
                                    24.8
                                           21.3
                                                 17.4
                                                         9.5
                                                               11.5
                                                                      5.2
                                                                             2.2
                                                                                   5.8
## 8273
           7.5
                 14.0
                       23.5
                              23.0
                                    25.4
                                                 14.9
                                                        12.4
                                                               8.2
                                           19.7
                                                                      5.8
                                                                             6.2
                                                                                  10.4
## 8274
          15.8
                18.1
                       23.9
                              26.2
                                    25.8
                                           22.0
                                                 16.2
                                                         9.1
                                                               4.4
                                                                      1.1
                                                                             3.7
                                                                                   9.9
                       22.8
                              25.6
## 8275
          13.7
                 17.5
                                    22.9
                                           21.5
                                                 14.1
                                                        12.6
                                                               5.0
                                                                      1.8
                                                                             4.1
                                                                                  14.7
## 8276
          22.5
                 23.3
                       25.7
                              24.2
                                    23.4
                                           16.9
                                                 12.7
                                                         7.1
                                                               6.3
                                                                      6.4
                                                                            8.5
                                                                                  15.7
                              23.8
## 8277
          18.3
                25.6
                       28.8
                                    12.8
                                            8.2
                                                  5.6
                                                         9.8
                                                              23.9
                                                                     27.0
                                                                           26.9
                                                                                  21.1
## 8278
          16.8 13.1
                        9.0
                               2.5
                                    13.6
                                          18.8
                                                 25.6
                                                        26.1
                                                              22.5
                                                                     19.8
                                                                           10.3
                                                                                   5.3
          15.4 19.0 26.3 26.0
## 8279
                                    25.1
                                           22.8
                                                 15.3
                                                         9.9
                                                               3.5
                                                                      6.7
                                                                           24.7
                                                                                  25.6
```

```
3.3 17.3 26.4 27.4
## 8280
          26.7 22.0 17.0
                              3.9
                                                             25.9
                                                                   17.8
                                                                           9.9
## 8281
           6.8
                18.5
                       20.1
                             26.9
                                   22.6
                                          15.2
                                                11.9
                                                       14.5
                                                             27.4
                                                                   25.2
                                                                           6.6
                                                                                16.1
                27.9
                                                             20.4
                                                                          27.0
## 8282
          20.4
                       22.2
                             18.4
                                   10.7
                                           3.4
                                                 5.8
                                                       15.9
                                                                   25.7
                                                                                25.9
## 8283
                              4.6
                                                24.8
                                                       23.2
          24.0
                18.7
                        8.8
                                     1.1
                                          16.5
                                                             16.2
                                                                   12.7
                                                                           4.2
                                                                                 7.4
## 8284
          13.7
                23.5
                       27.1
                             27.1
                                    23.8
                                          17.4
                                                10.2
                                                        6.3
                                                             10.0
                                                                    18.1
                                                                          27.1
                                                                                24.8
## 8285
          22.3
                 5.4
                        2.4
                              9.7
                                    13.4
                                          22.4
                                                24.9
                                                       25.5
                                                             25.1
                                                                     9.9
                                                                           5.5
                                                                                 7.4
          22.6
                24.5
                       27.1
                             25.6
                                           7.9
                                                 8.7
                                                       14.7
                                                             18.5
                                                                   24.8
## 8286
                                     8.8
                                                                          28.8
                                                                                27.2
          22.8
                17.6
                       13.6
                                                       17.7
                                                             23.5
                                                                   25.5
## 8287
                              6.4
                                     3.5
                                           3.7
                                                 13.8
                                                                          25.5
                                                                                21.8
## 8288
          18.3
                  8.9
                        8.9
                              2.5
                                     1.6
                                          -0.2
                                                  3.8
                                                       10.2
                                                             14.7
                                                                    20.3
                                                                          24.5
                                                                                22.5
## 8289
                12.1
                        9.5
                                          -4.3
                                                             15.9
                                                                                22.9
          17.6
                              4.7
                                     1.0
                                                  3.3
                                                        8.2
                                                                   20.1
                                                                          23.1
  8290
          19.6
                15.3
                        5.9
                               0.4
                                     0.6
                                           0.5
                                                  4.1
                                                        9.6
                                                             14.2
                                                                   21.8
                                                                          24.6
                                                                                21.2
## 8291
          18.5
                11.1
                        5.9
                              0.8
                                    -5.4
                                           0.4
                                                 3.1
                                                        9.9
                                                             14.7
                                                                   18.0
                                                                          21.2
                                                                                23.2
## 8292
          17.3
               11.1
                        9.4
                              0.7
                                    -1.6
                                          -1.2
                                                 7.3
                                                       11.1
                                                             16.7
                                                                    21.6
                                                                          25.2
                                                                                23.0
## 8293
                13.1
                        7.1
                             -0.5
                                          -1.2
                                                        9.5
                                                             15.2
                                                                          24.5
          18.1
                                   -3.2
                                                 3.8
                                                                   19.7
                                                                                22.9
## 8294
          19.8 12.9
                        9.0
                              4.0
                                     1.2
                                           2.4
                                                 7.9
                                                       10.8
                                                             16.4
                                                                   19.1
                                                                          24.1
                                                                                23.2
## 8295
          17.8 13.4
                        5.6
                              3.6
                                   -0.3
                                          -0.5
                                                 3.6
                                                        9.5
                                                             15.6
                                                                   20.8
                                                                          25.8
                                                                                21.6
## 8296
          17.5
               12.8
                        4.3
                              0.8
                                   -2.9
                                          -1.9
                                                             15.1
                                                                   19.9
                                                                          23.4
                                                                                21.4
                                                  1.1
                                                        8.2
##
  8297
          18.9
                12.1
                        4.7
                              3.3
                                   -3.0
                                          -8.3
                                                 0.5
                                                        9.3
                                                             16.9
                                                                   19.0
                                                                          23.4
                                                                                23.7
## 8298
          20.5 12.1
                        9.0
                              7.7
                                     0.1
                                           1.4
                                                 6.5
                                                        8.7
                                                             15.0
                                                                   20.2
                                                                          24.2
                                                                                24.4
## 8299
          19.8 13.1
                        7.9
                              1.8
                                     1.8
                                           2.2
                                                 1.8
                                                       11.1
                                                             14.3
                                                                   20.2
                                                                          22.4
                                                                                21.9
                                   -1.5
                                                        7.5
## 8300
          19.7
                16.2
                        7.0
                             -0.3
                                           3.9
                                                 3.5
                                                             16.8
                                                                   19.6
                                                                          24.1
                                                                                24.6
## 8301
          19.6
                11.9
                        5.5
                               2.3
                                   -1.6
                                           0.3
                                                 2.7
                                                       10.4
                                                             14.3
                                                                    20.0
                                                                          23.2
## 8302
          18.8
                13.1
                        4.7
                                     1.0
                                           1.1
                                                 6.5
                                                        6.5
                                                             13.6
                                                                   19.8
                                                                          23.3
                                                                                24.2
                              1.5
## 8303
          17.5
                13.0
                        8.6
                              1.4
                                   -1.4
                                          -1.3
                                                 5.1
                                                        9.0
                                                             14.3
                                                                    20.8
                                                                          20.7
                                                                                22.3
                                          -1.0
                                                -1.4
                                                       -2.3
                13.6
                        5.3
                              2.9
                                   -3.5
                                                              5.9
                                                                   -5.3
## 8304
          18.4
                                                                           4.6
                                                                                16.6
                                           4.7
                                                       20.9
  8305
          21.1
                  1.5
                       -1.7
                             -2.1
                                    -9.7
                                                10.2
                                                             23.8
                                                                   19.1
                                                                          16.3
                                                                                 7.6
## 8306
           3.8
                -3.3
                       -4.6
                             -1.2
                                     3.3
                                          14.9
                                                19.6
                                                       23.6
                                                             21.8
                                                                   15.6
                                                                          10.1
                                                                                 7.6
   8307
                -5.2
                        7.7
                             16.1
                                   20.4
                                          21.8
                                                21.2
                                                             14.5
##
          -0.2
                                                       18.1
                                                                     4.0
                                                                          -1.1
                                                                                -1.9
                       20.9
                                                        4.5
## 8308
          10.8 13.2
                             23.1
                                   19.8
                                          17.5
                                                 9.3
                                                             -1.3
                                                                   10.6
                                                                          18.7
                                                                                22.1
  8309
          -3.2
                12.0
                       23.8
                             18.2
                                   11.4
                                          -5.0
                                                -2.6
                                                       10.0
                                                             16.3
                                                                    21.8
                                                                          18.5
                                                                                11.7
## 8310
          -0.5
                  1.6
                       10.2
                             17.4
                                    17.8
                                          12.0
                                                 3.0
                                                       -1.2
                                                             -1.5
                                                                     9.4
                                                                          15.3
                                                                                20.2
## 8311
          25.1
                16.6
                       12.3
                              3.9
                                    -5.3
                                          -4.8
                                                 9.2
                                                       16.0
                                                             21.1
                                                                   22.8
                                                                          18.1
                                                                                13.3
                -3.9
                       -8.6
## 8312
           3.8
                             19.0
                                   20.0
                                          23.3
                                                23.2
                                                       19.6
                                                             11.3
                                                                     8.2
                                                                          -1.4
                                                                                 1.5
           9.3
                                                                          20.1
## 8313
                16.4
                       21.4
                             19.2
                                   11.4
                                           6.5
                                                 0.9
                                                        2.2
                                                             11.8
                                                                   14.7
                                                                                22.2
## 8314
          20.6
                18.4
                       14.3
                              4.6
                                   -3.7
                                           1.2
                                                 6.6
                                                       23.7
                                                             23.2
                                                                   19.0
                                                                           3.8
                                                                                -1.7
## 8315
          10.1
                15.4
                       19.4
                             24.4
                                   20.8
                                          16.9
                                                11.8
                                                        2.2
                                                             -0.2
                                                                     0.3
                                                                           7.3
                                                                                13.8
## 8316
          20.2 25.2
                       16.7
                             10.9
                                     6.4
                                           0.3
                                                -2.5
                                                       -2.9
                                                              9.7
                                                                    14.1
                                                                          20.5
                                                                                21.4
## 8317
          22.3 17.9
                       13.3
                              3.6
                                     2.2
                                          -5.3
                                                13.5
                                                       18.7
                                                             21.7
                                                                    25.7
                                                                          27.0
                                                                                25.7
## 8318
          22.4
                18.4
                       13.9
                              9.3
                                     9.0
                                          10.3
                                                12.5
                                                       18.5
                                                             24.2
                                                                   27.7
                                                                          27.7
                                                                                28.0
                       10.3
                              7.9
                                     8.0
                                                             22.6
## 8319
          22.4
                16.4
                                          13.1
                                                14.3
                                                       17.5
                                                                   27.1
                                                                          26.4
                                                                                26.3
## 8320
          24.3
                17.2
                      10.3
                             17.3
                                   17.9
                                          23.2
                                                24.0
                                                       26.9
                                                             26.1
                                                                    22.4
                                                                          16.5
                 9.8
## 8321
           9.4
                      12.8
                             15.8
                                   23.9
                                          25.8
                                                26.5
                                                       26.3
                                                             22.3
                                                                   16.7
                                                                          11.7
                                                                                 6.8
                       14.2
                             18.0
                                    22.6
                                          24.7
                                                24.3
## 8322
           5.2
                11.6
                                                       21.4
                                                             13.7
                                                                     7.2
                                                                           5.6
                                                                                  1.4
           8.0
                       22.1
                             27.2
                                   27.3
                                          27.2
                                                25.1
                                                                     8.9
## 8323
                14.2
                                                       16.7
                                                             14.8
                                                                           3.6
                                                                                  3.7
                       25.5
                             26.4
                                                              8.7
## 8324
          10.1
                20.9
                                    26.1
                                          24.4
                                                16.2
                                                       14.6
                                                                     5.4
                                                                          10.0
                                                                                13.2
          21.2
                27.2
                                    22.8
                                                              8.9
## 8325
                       28.4
                             27.4
                                          18.1
                                                14.3
                                                        8.1
                                                                   10.1
                                                                          15.8
                                                                                22.9
## 8326
          25.5
                26.7
                       26.9
                             23.2
                                    18.6
                                          14.5
                                                13.6
                                                        6.9
                                                              8.5
                                                                   11.7
                                                                          20.6
                                                                                23.0
## 8327
          26.0
                26.2
                       21.5
                                           6.3
                                                  4.0
                                                             11.9
                                                                          23.5
                                                                                24.8
                             17.4
                                    11.8
                                                        8.2
                                                                   19.8
## 8328
          25.5
                23.1
                       21.2
                             12.2
                                    13.9
                                           4.0
                                                 8.2
                                                       16.6
                                                             22.2
                                                                    25.8
                                                                          26.1
                                                                                25.8
                              5.5
                                     6.7
                                                             22.5
## 8329
          22.8
                19.6
                      15.8
                                          11.3
                                                13.6
                                                       17.1
                                                                    26.7
                                                                          28.4
                                                                                26.7
## 8330
          25.6
                18.3
                       15.0
                              8.3
                                     6.7
                                          10.6
                                                13.9
                                                       17.2
                                                             23.7
                                                                    25.4
                                                                          27.5
                                                                                27.7
## 8331
          23.6
                14.4
                      13.3
                             11.7
                                     5.3
                                           8.3
                                                12.8
                                                       18.1
                                                             20.4
                                                                   25.7
                                                                          26.7
                                                                                27.6
## 8332
          24.6 15.4
                       14.7
                              9.1
                                    11.2
                                           9.4
                                                14.5
                                                       16.8
                                                             21.3
                                                                   25.6
                                                                          27.0
                                                                                27.1
                                          13.7 15.8 17.7 22.1
## 8333
          23.7 17.2 13.4
                              4.5
                                   10.5
                                                                   26.6
                                                                         27.2
                                                                                28.1
```

```
## 8334
          25.9
               18.0 14.5
                             11.7
                                     8.4 11.3 15.0
                                                       20.2
                                                              24.4
                                                                    26.2
                                                                           27.8
                                                                                  27.2
## 8335
          24.7
                 19.4
                       10.9
                              11.1
                                     7.7
                                          11.9
                                                 13.9
                                                       17.8
                                                              21.5
                                                                     25.5
                                                                           27.9
                                                                                  26.0
          24.7
                                                                           28.6
## 8336
                 18.2
                       11.9
                               9.9
                                    10.2
                                            9.5
                                                 11.9
                                                        15.9
                                                              21.6
                                                                    26.8
                                                                                  28.6
## 8337
          24.7
                 18.2
                       12.3
                               8.9
                                     6.1
                                          10.8
                                                 14.4
                                                        20.1
                                                              22.2
                                                                     27.3
                                                                           26.9
                                                                                  27.2
## 8338
          24.3
                 19.4
                       15.8
                              11.5
                                     9.0
                                           10.3
                                                 15.6
                                                        19.0
                                                              23.9
                                                                     25.5
                                                                           27.9
                                                                                  28.2
## 8339
          23.9
                17.2
                      10.5
                               8.1
                                     7.2
                                            9.1
                                                 11.3
                                                       16.1
                                                              23.5
                                                                     25.2
                                                                           27.0
                                                                                  26.0
## 8340
                       12.8
                              10.2
                                     8.3
                                          11.0
                                                 16.4
                                                              20.7
                                                                     24.7
          22.9
                17.9
                                                       15.4
                                                                           27.2
                       10.2
                               7.2
                                     8.9
                                           9.9
                                                 12.9
                                                       16.6
                                                                    26.9
                                                                           27.8
## 8341
          24.3
                17.3
                                                              22.8
                                                                                  27.1
##
  8342
          25.8
                 19.5
                       14.4
                             10.7
                                    10.4
                                          11.7
                                                 12.2
                                                       19.8
                                                              21.3
                                                                     25.4
                                                                           27.6
                                                                                  28.6
                       13.0
                               8.6
                                                              23.6
                                                                           28.3
                                                                                  28.4
## 8343
          23.1
                 18.0
                                     8.8
                                          12.3
                                                 15.2
                                                        16.2
                                                                    25.4
  8344
          24.0
                 18.7
                       11.4
                               4.0
                                     5.6
                                          11.8
                                                 10.8
                                                        18.9
                                                              21.7
                                                                     24.8
                                                                           27.2
                                                                                  26.4
## 8345
          23.0
                 16.2
                       14.8
                              10.8
                                     9.3
                                           7.8
                                                 13.8
                                                        19.4
                                                              21.7
                                                                     25.5
                                                                           27.4
                                                                                  27.1
##
   8346
          26.0
                 20.7
                       11.5
                               8.6
                                     4.8
                                            9.3
                                                 14.2
                                                        17.6
                                                              23.3
                                                                     24.9
                                                                           26.5
                                                                                  27.0
  8347
          22.9
                 17.7
                       14.5
                               6.6
                                     7.7
                                            8.0
                                                 15.5
                                                        16.9
                                                              22.5
                                                                     25.4
##
                                                                           26.7
                                                                                  24.8
##
  8348
          23.6
                 21.6
                       15.0
                               7.8
                                    10.2
                                           11.1
                                                 12.3
                                                        16.8
                                                              20.8
                                                                     25.3
                                                                           27.4
                                                                                  27.9
##
   8349
          25.3
                 18.4
                       14.0
                               7.5
                                    11.5
                                            9.0
                                                 14.4
                                                        20.5
                                                              22.5
                                                                     26.4
                                                                           28.4
                                                                                  28.3
   8350
          23.4
                 17.7
                       11.8
                               9.3
                                     8.2
                                            8.1
                                                 15.6
                                                              21.9
                                                                     26.6
                                                                           26.3
                                                                                  29.2
##
                                                        16.0
##
   8351
          25.0
                19.3
                       12.6
                              11.4
                                     6.6
                                          10.4
                                                 13.9
                                                        17.5
                                                              21.8
                                                                     26.0
                                                                           27.2
                                                                                 25.8
          23.8
  8352
                16.7
                              10.7
                                     8.3
                                          10.2
                                                 14.8
                                                       17.3
                                                              22.4
                                                                     26.8
                                                                           26.5
##
                       11.1
                                                                                  26.0
                               7.2
## 8353
          24.4
                 17.2
                       11.7
                                     4.5
                                            5.0
                                                 10.8
                                                        17.8
                                                              23.4
                                                                     27.4
                                                                           28.1
                                                                                  28.3
                               6.0
##
  8354
          24.7
                 18.1
                       12.8
                                     5.6
                                            9.7
                                                 14.1
                                                        19.4
                                                              21.1
                                                                     27.5
                                                                           27.6
                                                                                  27.8
   8355
          22.4
                 15.7
                       13.0
                               9.6
                                    10.7
                                           11.7
                                                 18.3
                                                        18.7
                                                              23.1
                                                                     25.7
                                                                           27.6
  8356
          23.2
                16.8
                       10.7
                             10.5
                                    10.0
                                            9.2
                                                 10.5
                                                        16.9
                                                              20.3
                                                                    26.0
                                                                           26.2
                                                                                  26.4
##
   8357
          24.5
                 18.7
                       10.7
                               8.9
                                     3.4
                                            8.4
                                                 12.0
                                                       17.1
                                                              21.4
                                                                     25.8
                                                                           25.8
                                                                                  27.0
##
          25.1
                 18.9
                        9.6
                              10.2
                                     6.4
                                            5.6
                                                 14.7
                                                              21.9
                                                                     25.2
                                                                           27.4
                                                                                  26.1
##
  8358
                                                        19.2
   8359
          23.8
                 18.4
                       14.9
                              13.6
                                     6.5
                                          10.2
                                                 15.4
                                                        18.1
                                                              21.8
                                                                     27.7
                                                                           28.5
##
  8360
          26.8
                 20.9
                       14.5
                              11.0
                                    12.7
                                           14.6
                                                 15.9
                                                        20.1
                                                              21.8
                                                                     24.8
                                                                           27.5
                                                                                  26.7
   8361
                 19.5
                       13.8
                               8.7
                                          15.3
                                                 14.6
                                                              24.2
                                                                     27.1
                                                                           27.6
##
          23.8
                                     5.4
                                                        16.6
                                                                                  26.9
                             10.5
                                          14.5
                                                              24.4
                                                                     26.9
##
  8362
          26.4
                 20.5
                       11.1
                                     8.8
                                                 13.9
                                                        18.5
                                                                           28.0
                                                                                  28.3
##
  8363
          28.4
                 20.8
                       11.6
                             11.9
                                    11.2
                                          12.2
                                                 19.6
                                                        18.1
                                                              21.7
                                                                     26.0
                                                                           28.5
                                                                                  27.7
## 8364
          24.9
                 20.0
                       14.6
                               8.8
                                     8.7
                                            7.7
                                                 15.6
                                                        17.5
                                                              20.9
                                                                     25.5
                                                                           27.3
                                                                                  26.7
##
   8365
          23.6
                 20.4
                       12.1
                              15.0
                                     7.2
                                            8.1
                                                  6.2
                                                        18.6
                                                              22.3
                                                                     26.3
                                                                           27.6
                                                                                  25.7
                               7.8
                                                                           26.9
##
   8366
          24.3
                 18.8
                       14.2
                                     9.0
                                          10.7
                                                 12.3
                                                        17.0
                                                              23.0
                                                                     27.5
                                                                                  27.2
                                                                           25.6
  8367
          22.4
                 17.7
                       12.0
                               8.1
                                     8.2
                                          11.5
                                                 13.1
                                                        17.5
                                                              24.0
                                                                     27.9
                                                                                 25.7
##
##
  8368
          24.3
                 18.0
                       12.1
                               5.8
                                     7.8
                                          10.6
                                                 18.1
                                                        19.8
                                                              20.5
                                                                     26.3
                                                                           26.4
                                                                                  25.4
##
  8369
          24.9
                17.4
                       13.4
                               5.4
                                     8.6
                                          10.3
                                                 16.1
                                                        18.2
                                                              21.4
                                                                     25.4
                                                                           26.2
                                                                                  25.1
## 8370
          23.1
                 18.3
                       15.5
                              10.6
                                    10.4
                                            5.6
                                                  8.4
                                                        18.9
                                                              22.3
                                                                    25.1
                                                                           26.2
                                                                                  23.8
##
  8371
          20.0
                  8.1
                        4.7
                               8.5
                                    14.4
                                          19.0
                                                 22.3
                                                        26.3
                                                              27.0
                                                                     25.8
                                                                           22.2
                                                                                 15.2
  8372
          10.2
                 12.5
                       12.7
                              13.2
                                    16.8
                                          22.3
                                                 25.2
                                                        27.4
                                                              26.0
                                                                     22.5
                                                                           20.1
                                                                                  12.2
##
                             11.5
                                                              25.1
## 8373
           9.7
                 13.9
                       11.8
                                    16.5
                                          22.6
                                                 26.1
                                                        25.0
                                                                    22.0
                                                                           19.2
                                                                                 10.7
## 8374
           5.6
                  8.4
                        9.5
                                    17.1
                                          22.0
                                                 25.9
                                                        26.7
                                                                     23.4
                                                                           19.7
                             13.1
                                                              27.0
          10.3
                                                              23.0
## 8375
                11.7
                       10.2
                             12.8
                                    17.0
                                          27.9
                                                 27.5
                                                        25.8
                                                                     13.2
                                                                            7.8
                                                                                 10.7
                       17.8
                                    25.8
                                          27.2
                                                 26.2
                                                                      9.4
                                                                            9.2
## 8376
          10.8
                14.1
                              25.1
                                                        23.5
                                                              19.0
                                                                                  11.8
                19.5
                       20.0
                                    28.0
                                          28.0
                                                 25.5
                                                        19.4
                                                                      7.4
## 8377
          12.9
                              26.7
                                                              11.4
                                                                            7.6
                                                                                  9.8
  8378
                       23.3
                              23.8
                                                 23.8
          14.9
                19.3
                                    27.1
                                           26.9
                                                        17.7
                                                              12.1
                                                                      6.8
                                                                            6.5
                                                                                  11.7
## 8379
                       22.5
                              25.9
                                    27.0
                                           26.7
                                                 22.0
          13.0
                16.9
                                                       18.7
                                                              12.2
                                                                     13.4
                                                                            9.1
                                                                                  12.5
## 8380
          12.2
                19.1
                       22.1
                              25.8
                                    26.9
                                           25.9
                                                 24.1
                                                        15.9
                                                              13.9
                                                                      9.4
                                                                            4.6
                                                                                   5.4
## 8381
          10.3
                17.5
                       22.2
                              25.3
                                    26.9
                                          26.8
                                                              15.1
                                                                      6.3
                                                                                  10.3
                                                 23.8
                                                        16.8
                                                                            7.0
##
  8382
          12.2
                18.6
                       23.3
                              25.9
                                    26.1
                                          27.0
                                                 23.4
                                                        19.1
                                                              12.8
                                                                      9.0
                                                                            8.1
                                                                                  7.8
                       22.2
                              25.8
                                          26.4
                                                                      5.7
## 8383
           6.6
                19.0
                                    26.6
                                                 23.8
                                                        19.1
                                                              13.5
                                                                            6.1
                                                                                  9.9
##
  8384
          14.2
                 14.6
                       20.7
                              24.8
                                    26.4
                                          25.3
                                                 24.5
                                                        17.5
                                                              14.4
                                                                      8.6
                                                                            6.9
                                                                                  10.6
                       24.4
## 8385
          10.7
                 16.3
                              23.7
                                    26.1
                                          25.3
                                                 22.2
                                                        18.6
                                                              11.3
                                                                      5.8
                                                                            5.2
                                                                                  5.3
                                          26.2
## 8386
          14.9
                17.8
                       21.1
                              25.3
                                    26.0
                                                 21.4
                                                        17.7
                                                              12.2
                                                                      3.6
                                                                            6.6
                                                                                   6.9
          12.6 17.7 22.2
                             25.8
                                          24.9
## 8387
                                    24.6
                                                 22.7
                                                       15.3
                                                             14.7
                                                                    10.2
                                                                            8.5
                                                                                 10.0
```

```
## 8388
          11.5 17.6
                      23.8 23.3 25.4
                                         25.6 16.8 12.8
                                                             8.4
                                                                    4.4
                                                                          7.8 11.7
## 8389
          17.1
                20.7
                      23.6
                             26.4
                                   25.2
                                         22.5
                                                17.4
                                                      12.0
                                                             7.7
                                                                    9.0
                                                                          7.4
                                                                               14.5
               23.5
                                         17.2
## 8390
          19.3
                      25.3
                             25.1
                                   20.9
                                                11.5
                                                      10.3
                                                             4.1
                                                                    4.7
                                                                         12.7
                                                                               17.8
## 8391
                24.6
                                   12.3
                                                       7.4
          20.5
                      26.0
                             27.5
                                          6.5
                                                 6.0
                                                            11.0
                                                                   18.1
                                                                         21.5
                                                                               26.0
## 8392
          27.0
                24.7
                       22.3
                             18.6
                                   11.4
                                          7.3
                                                 4.6
                                                       9.1
                                                            14.3
                                                                   23.2
                                                                         26.5
                                                                               27.5
## 8393
          26.5
               25.0
                      18.4
                            11.3
                                    9.5
                                          7.7
                                                 9.1
                                                      11.0
                                                            20.3
                                                                   26.1
                                                                         24.8
                                                                               21.1
               14.7
                      11.4
                              7.4
                                  13.8
                                         20.7
                                                24.0
                                                      10.2
                                                            15.4
                                                                   18.3
                                                                         23.9
## 8394
          12.9
                                                                   25.4
                            11.8
                                    8.2
                                         10.0
                                                12.2
                                                      22.1
                                                            24.6
## 8395
          24.6 21.7
                      15.5
                                                                         26.9
                                                                               23.1
  8396
          18.4
                13.3
                        7.4
                              6.2
                                   13.4
                                         16.4
                                                21.0
                                                      24.1
                                                            26.8
                                                                   25.2
                                                                         22.9
                                                                               15.7
           9.8
                 6.9
                        1.6
                              8.0
                                   15.3
                                         23.2
                                                      29.1
                                                            26.9
##
  8397
                                                26.8
                                                                   25.3
                                                                         17.3
                                                                               15.1
  8398
           9.2
                 4.7
                        4.4
                             12.0
                                   26.0
                                         27.1
                                                26.3
                                                      24.1
                                                            17.5
                                                                   15.4
                                                                         10.3
                                                                                5.9
                             23.8
## 8399
           6.1
                13.6
                      21.1
                                   25.3
                                         25.2
                                                22.4
                                                      17.0
                                                             13.6
                                                                    8.1
                                                                          7.9
                                                                                6.6
                      24.3
## 8400
          11.3
                21.5
                             27.0
                                   26.9
                                         24.9
                                                16.5
                                                      11.9
                                                             8.3
                                                                    5.2
                                                                          9.8
                                                                               12.2
## 8401
                27.4
                      27.0
                            24.7
                                   22.6
                                         16.4
                                                12.2
                                                             5.1
                                                                    9.6
          21.1
                                                       6.8
                                                                         13.4
                                                                               21.9
## 8402
          24.2
                25.0
                      24.6
                            21.6
                                   16.6
                                         13.3
                                                11.1
                                                       5.7
                                                             7.9
                                                                   12.4
                                                                         21.0
                                                                               24.0
## 8403
          26.9
                26.9
                      22.9
                             17.6
                                   11.9
                                          6.2
                                                10.1
                                                      12.8
                                                            20.8
                                                                   25.1
                                                                         24.7
                                                                               25.1
## 8404
          21.2 20.1
                      12.3
                              5.1
                                    8.2
                                         13.4
                                                21.8
                                                      24.6
                                                            25.2
                                                                   23.9
                                                                         21.6
                                                                               19.8
## 8405
          17.2
                 7.1
                       6.3
                            11.1
                                   13.2
                                         22.3
                                                26.3
                                                      28.6
                                                            24.8
                                                                   24.3
                                                                         19.1
## 8406
           9.3
                 7.1 11.4
                            22.5
                                   24.6
                                         26.8
                                                26.8
                                                      23.2
                                                            14.1
                                                                   12.5
                                                                          9.1
                                                                                3.4
## 8407
           7.0
               12.2
                      20.3
                            23.8
                                   25.9
                                         26.3
                                                22.7
                                                      14.3
                                                            13.0
                                                                   7.6
                                                                          9.6
                                                                                9.4
## 8408
          12.4
                20.2
                      24.6 25.2
                                  24.5
                                         12.5
                                                14.0
                                                      21.1
                                                            25.1
                                                                   26.8
                                                                         25.2
                                                                               19.3
## 8409
          23.0
                25.4
                      27.0
                            25.5
                                   23.1
                                         17.7
                                                11.0
                                                       9.9
                                                            23.6
                                                                   22.6
                                                                         15.9
## 8410
          26.8
                23.9
                      17.1
                            12.7
                                    6.6
                                          5.1
                                                 9.5
                                                      14.6
                                                            20.3
                                                                   25.5
                                                                         26.0
                                                                               24.3
          21.7
                16.7
                      14.3
                             10.1
                                    7.3
                                          7.3
                                                26.8
                                                      26.6
                                                            22.2
                                                                    6.0
                                                                         10.5
                                                                               22.7
## 8411
          25.1
                                   17.0
                25.0
                      23.0
                            17.0
                                                             9.6
                                                                   22.4
                                                                               20.6
## 8412
                                          6.7
                                                18.8
                                                      27.7
                                                                         17.6
## 8413
          26.0
                23.3
                       9.4
                            19.4
                                    6.2
                                         17.6
                                                26.4
                                                      28.6
                                                            27.6
                                                                   24.8
                                                                         13.1
                                                                                9.2
## 8414
          20.0
                27.0
                      19.1
                            12.3
                                    5.1
                                         14.5
                                                19.2
                                                       8.5
                                                            11.1
                                                                   18.1
                                                                         20.6
                                                                               24.7
                      23.1
                            15.1
                                    7.3
                                          8.0
                                                 8.7
                                                            21.5
## 8415
          27.8
                26.4
                                                      17.8
                                                                   25.1
                                                                         26.4
                                                                               26.6
                      11.2
                                    6.2
                                         -7.9
## 8416
          23.4
                19.7
                            12.7
                                                 9.0
                                                      16.9
                                                            20.1
                                                                   20.0
                                                                          7.5
                                                                               -2.7
                                          7.7
## 8417
          15.3
                22.0
                      23.3
                            19.6
                                   14.2
                                                -1.4
                                                      11.5
                                                            13.9
                                                                   22.7
                                                                         19.5
                                                                               17.9
## 8418
           4.3
                21.2
                      23.8
                             23.9
                                   20.8
                                         10.6
                                                 1.5
                                                      -5.7
                                                             9.3
                                                                   19.5
                                                                          1.4
                                                                               -1.9
## 8419
           7.1
                14.4
                      21.7
                             23.2
                                   21.3
                                          6.9
                                                -0.3
                                                      -2.2
                                                            -6.5
                                                                    9.1
                                                                         14.3
                                                                               21.9
                                           2.2
                                                -6.5
                                                      -3.9
                                                            -0.3
## 8420
          21.8
                22.6
                      19.1
                            13.8
                                    4.1
                                                                    8.0
                                                                         18.4
                                                                               22.3
## 8421
          25.0
                23.6
                      16.1
                            13.6
                                    6.6
                                         -1.0
                                                -5.2
                                                       2.1
                                                             4.9
                                                                   15.5
                                                                         22.0
                                                                               25.0
                                                            20.7
## 8422
          22.3
                17.8
                       8.8
                            -0.2
                                   -5.9 -12.2
                                                -1.7
                                                       6.9
                                                                   22.8
                                                                         26.3
                                                                               21.6
## 8423
          18.9
                10.9
                        3.6
                            -4.9 -10.9
                                         -9.6
                                                 0.1
                                                      16.0
                                                            22.5
                                                                   24.0
                                                                         23.1
                                                                               21.1
## 8424
          11.0
                 4.3
                      -3.9 - 12.8
                                   -9.6
                                          2.0
                                                16.8
                                                      22.1
                                                            23.5
                                                                   23.2
                                                                         19.1
## 8425
           3.3
                -0.1
                      23.8
                              1.2
                                   -4.5
                                         -5.2
                                                16.3
                                                      20.6
                                                            24.9
                                                                   16.3
                                                                         10.6
                                                                                9.7
## 8426
          -0.4
                 0.2
                        1.9
                             14.7
                                   22.4
                                         -6.1
                                                -5.1
                                                       2.8
                                                            15.3
                                                                   20.2
                                                                         23.6
                                                                               24.1
                11.8
                            -3.1
                                   20.0
                                                            11.6
## 8427
          16.5
                      -6.8
                                         21.7
                                                19.4
                                                      19.0
                                                                   -5.2
                                                                          0.7
                                                                               15.5
## 8428
          23.3
                24.5
                      12.0
                              1.7
                                    3.8
                                         21.6
                                                25.0
                                                      22.7
                                                            16.2
                                                                    9.5
                                                                          5.3
                                                                                1.3
## 8429
           9.1
                18.8
                      21.9
                             23.5
                                   24.3
                                         18.9
                                                13.9
                                                      -5.9
                                                             9.0
                                                                   15.1
                                                                         21.7
                                                                               23.1
                17.7
                      11.5
                              3.7
                                   -7.7
                                          9.4
                                                20.4
                                                      20.8
                                                             8.2
## 8430
          21.6
                                                                   14.0
                                                                         24.4
                                                                               12.6
                -7.6
                      -3.3
                                   21.4
                                         26.5
                                                16.3
                                                             5.4
                                                                   -1.5
## 8431
           4.7
                             16.1
                                                      12.6
                                                                          0.0
                                                                               12.1
                22.6
                      27.2
                            17.3
                                   10.3
                                         -2.5
                                                 8.8
                                                            23.0
## 8432
          19.9
                                                      21.2
                                                                   23.1
                                                                          2.7
          17.2
                      17.2
                             11.2
                                         -3.9
                                                -8.8
                                                      12.2
                                                            16.7
                                                                   21.2
## 8433
                21.0
                                    0.5
                                                                         20.6
                                                                               12.3
## 8434
           6.9
                -5.4
                      -0.9
                             11.0
                                   23.2
                                         14.9
                                                 8.5
                                                      -2.1
                                                             4.0
                                                                   12.7
                                                                         16.3
                                                                               24.4
## 8435
                20.5
                        6.7
                             21.3
                                   23.9
                                         23.7
                                                23.8
                                                      10.8
                                                             0.2
                                                                   -5.9
                                                                         -5.7
                                                                               21.9
          21.3
## 8436
          25.0
                22.2
                        9.0
                              1.8
                                   -3.3
                                         -2.1
                                                 9.3
                                                      15.0
                                                            23.0
                                                                   24.6
                                                                         17.1
                                                                                9.2
                -1.5
                       -3.2
                              2.5
                                                            26.8
                                                                   27.9
                                                                         25.9
## 8437
           6.8
                                    3.1
                                         10.3
                                                13.1
                                                      18.0
                                                                               20.4
                                   -2.5
## 8438
          12.7
                 9.9
                        3.9
                              2.8
                                         10.5
                                                13.2
                                                      17.6
                                                            25.3
                                                                   26.1
                                                                         27.0
                                                                               23.8
                 9.5
                        7.7
                                                                   29.5
## 8439
          16.6
                              0.9
                                   17.3
                                         15.9
                                                23.7
                                                      26.8
                                                            27.6
                                                                         26.6
                                         26.8
## 8440
          20.6
               14.7
                      16.3
                            14.5
                                   24.0
                                               -8.5 -14.9
                                                            22.9
                                                                   26.6
                                                                         24.0
                                                                               18.0
                              8.4 12.1 17.7 20.7 25.8 26.5 27.7
## 8441
          19.9 12.6
                        6.5
                                                                         24.8
                                                                               16.7
```

```
4.8 13.2 21.9
## 8442
          12.4
                 8.6
                                         26.6 27.5 27.7
                                                           21.6
                                                                16.0
                                                                       10.2
                                                                         8.7
## 8443
           5.1
                 4.9
                      14.7
                            23.7
                                  27.6
                                         26.0
                                               29.5
                                                     25.7
                                                           18.3
                                                                 10.8
                                                                               3.6
                      21.7
## 8444
           7.9
                16.4
                            26.5
                                  27.5
                                         25.5
                                               22.4
                                                     15.9
                                                            9.0
                                                                   3.0
                                                                         7.8
                                                                              16.8
                27.6
                            25.1
                                  23.0
                                                      4.9
## 8445
          21.9
                      25.3
                                         15.1
                                               12.8
                                                            2.4
                                                                   2.3
                                                                       11.3
                                                                              18.8
## 8446
          23.3
                28.0
                      29.2
                            30.0
                                  24.0
                                         17.0
                                               12.3
                                                      4.4
                                                            4.2
                                                                  7.0
                                                                        12.4
                                                                              18.8
## 8447
          21.3
               28.8
                      30.1
                           28.9 23.0
                                        17.3
                                               13.6
                                                      7.9
                                                            7.3
                                                                  8.5
                                                                       18.0
                                                                              18.1
                26.8
                      29.6
                            28.2 22.5
                                         14.8
                                                     10.0
## 8448
          23.3
                                                9.0
                                                            5.6
                                                                   7.4
                                                                         8.8
                                                                              15.2
          20.2
                26.5
                      27.0
                            27.1
                                  25.9
                                         18.2
                                                      6.2
                                                                   5.1
## 8449
                                                8.4
                                                            1.4
                                                                         9.7
                                                                              16.7
## 8450
          21.8
                26.3
                      25.6
                            28.1
                                  25.1
                                         17.5
                                                8.6
                                                      8.1
                                                            3.6
                                                                   2.1
                                                                       11.2
                                                                              17.4
                26.9
                      27.7
                            26.9
                                  25.1
                                                            3.9
                                                                              17.0
## 8451
          22.5
                                         18.8
                                               14.2
                                                     12.4
                                                                  7.5
                                                                       14.9
## 8452
          21.4
                28.2
                      29.1
                            26.7
                                  26.8
                                         19.9
                                               12.7
                                                      7.2
                                                            9.2
                                                                 12.7
                                                                        14.2
                                                                             19.4
                      28.2
## 8453
          20.8
                24.6
                            25.0
                                  22.6
                                         18.5
                                                      6.0
                                                            1.9
                                                                   9.8
                                                                       12.4
                                                                              13.8
                                               11.4
## 8454
          24.8 27.8
                      28.2
                            26.9
                                  25.2
                                         18.4
                                                8.9
                                                      7.7
                                                            5.8
                                                                  9.4
                                                                       10.3
                                                                              17.0
## 8455
          23.2
               25.2
                      26.9
                            28.0
                                         17.7
                                                7.9
                                                                       14.8
                                  28.7
                                                      8.9
                                                            7.6
                                                                  7.4
                                                                              15.5
## 8456
          20.7
                25.8
                      27.9
                            25.9
                                  23.8
                                         16.0
                                               12.8
                                                      7.0
                                                            5.9
                                                                   1.6
                                                                       14.8
                                                                              15.9
## 8457
          20.6 25.9
                      26.9
                            27.2
                                  24.0
                                         19.2
                                                9.6
                                                     12.7
                                                            3.3
                                                                   4.6
                                                                         8.0
                                                                              12.4
## 8458
          14.2 11.8
                       9.0
                             2.4 -11.1 -12.9 -14.9
                                                     -3.5
                                                            8.2
                                                                 13.6
                                                                       14.5
                                                                              13.1
## 8459
           9.0
                1.0
                      -7.3 -10.9
                                  -2.5
                                         -0.6
                                                3.8
                                                      8.1
                                                           13.4
                                                                  14.1
                                                                        12.2
                                                                               7.8
                                                                         9.5
## 8460
           1.4 -2.5
                     -1.4 -4.1
                                  -0.8
                                          3.7
                                                7.4
                                                     14.4
                                                           13.9
                                                                 14.3
                                                                              -1.8
## 8461
          -9.4 - 13.0
                     -5.0 -5.2
                                  -5.9
                                          0.7
                                                9.3
                                                     12.9
                                                           15.5
                                                                  13.4
                                                                         9.8
                                                                               6.0
                                                           13.8
                                                                              -7.2
## 8462
           2.4 - 5.1
                       0.5
                           -3.2
                                   4.5
                                          9.3
                                               13.4
                                                     15.8
                                                                   9.3
                                                                         4.5
## 8463
          -8.9 -14.5
                      -2.5
                           -4.3
                                   4.4
                                        11.3
                                               15.0
                                                     16.8
                                                           16.2
                                                                   6.8
                                                                         2.8
                                                                             -4.1
          -5.5 -7.7
                             0.1
## 8464
                      -6.6
                                   5.6
                                         11.1
                                               14.4
                                                     15.6
                                                           13.9
                                                                   9.9
                                                                         1.9 - 10.4
         -13.3 -5.6
                      -5.2
                             9.9
                                  14.5
                                         11.9
                                                9.8 - 12.7
                                                           -9.4
                                                                   4.5
                                                                              13.5
## 8465
                                                                         9.3
          14.3
                 9.7
                                  -9.0
                      -0.8 -11.4
                                          1.9
                                                           12.8
                                                                 12.4
                                                                       -2.0
## 8466
                                                8.9
                                                    11.7
                                                                              -6.6
## 8467
         -11.5 -11.5
                       3.1
                           10.5
                                  12.7
                                         16.1
                                               12.7
                                                      9.0
                                                            4.7
                                                                  -7.4
                                                                         3.6
                                                                              12.3
## 8468
         13.3
                 2.7
                      -3.4
                            -7.2
                                  -8.9
                                          4.0
                                                9.9
                                                     12.6
                                                           14.2
                                                                 12.4
                                                                         8.9
                                                                               2.4
         -10.6 -17.3
                      -3.3
                             4.4
                                   7.8
                                         12.5
                                               13.4
                                                            0.4
                                                                 -9.0 -10.2
## 8469
                                                     12.9
                                                                              -5.3
                       7.5
                                                           -7.9
## 8470
         -3.6 -2.4
                           15.4
                                  16.1
                                         13.3
                                               -7.1
                                                      0.0
                                                                 11.9
                                                                       12.0
                                                                               9.1
          -0.5 -0.8 -7.8
## 8471
                            -5.1
                                   4.6
                                         11.2
                                               14.5
                                                     13.4
                                                            7.4
                                                                  5.0
                                                                       -5.3
                                                                              -2.3
                                                                 -7.9
## 8472
          -0.2
                 7.1
                      11.6
                            14.5
                                  16.2
                                         14.5
                                                9.5
                                                     -4.5 - 10.3
                                                                         5.5
                                                                               9.3
## 8473
          15.1
                 9.8
                       3.2
                            -6.7
                                  -3.3
                                         -7.1
                                               -8.4
                                                      4.3
                                                            8.9
                                                                 13.2
                                                                       16.0
                                                                              13.0
                 5.8
                            -5.6
                                  -8.3
                                         -7.7
                                                4.2
## 8474
          10.8
                      -2.7
                                                     10.0
                                                           15.5
                                                                 17.6
                                                                        15.6
                                                                              10.0
## 8475
           0.3 - 17.0
                      -7.4
                             3.7
                                  11.1
                                         13.4
                                               15.9
                                                     14.1
                                                            9.7
                                                                  2.1
                                                                        -5.4
                                                                              -4.9
## 8476
          -4.6 -10.0
                       2.8
                           10.1
                                  14.2
                                         15.0
                                               13.2
                                                      7.5
                                                            2.6 - 11.6
                                                                        -9.8
                                                                              -7.1
                                                                              7.6
## 8477
          13.9
                 4.8
                       3.2
                             4.1
                                  14.6
                                        17.8
                                               23.5
                                                     25.1
                                                           25.0
                                                                 21.0
                                                                       17.3
## 8478
           9.4
                 2.1 -13.4 -22.1
                                  10.8
                                        13.4
                                               12.0
                                                     11.2
                                                           12.8
                                                                 19.7
                                                                        24.6
                                                                              22.1
## 8479
          16.3
                 8.9
                       6.7
                             9.0
                                  23.9
                                         22.6
                                                6.6
                                                     12.1
                                                           19.5
                                                                 23.7
                                                                        25.8
                                                                              24.0
## 8480
          23.4 11.6
                      13.7
                           19.6
                                  23.7
                                         28.2
                                               24.7
                                                     19.2
                                                           10.4
                                                                  7.8
                                                                       10.1
                                                                              20.0
               25.4
                      24.8
                           10.3
                                                           26.3
## 8481
          23.1
                                   7.7
                                         11.5
                                               19.6
                                                     27.9
                                                                 12.7
                                                                         8.9
                                                                              11.4
          21.6
               29.1
                      24.8
                            22.5
                                  12.6
                                        11.1
                                               21.3
                                                     24.5
                                                           22.1
                                                                 21.2
                                                                        25.4
## 8482
                                                            8.8
                                                                 11.2
## 8483
          24.1 13.8 11.1 23.0
                                  23.4
                                         25.3
                                               24.5
                                                     11.2
                                                                       17.3
                                                                              23.7
                      22.8
                            11.0
                                   8.8
                                        15.0
                                                     22.0
                                                           24.4
                                                                 10.5
## 8484
          25.2 23.6
                                               16.9
                                                                        15.9
## 8485
                      12.6 22.1
                                  16.5
                                          9.5
                                               24.4
                                                     23.4
                                                           19.5
                                                                              25.9
          23.1
               25.2
                                                                 18.9
                                                                        26.2
                      10.3
                            12.9
                                  21.2
                                         26.3
                                               27.2
                                                     23.5
## 8486
          21.1
                10.7
                                                           18.6
                                                                 14.3
                                                                         9.0
                      27.5
                                               27.9
## 8487
          21.4
                25.7
                            24.2
                                  16.5
                                         24.3
                                                     25.0
                                                           22.7
                                                                 18.4
                                                                       11.9
                                                                              10.0
## 8488
           9.0
                18.1
                      18.0
                            25.4
                                  26.4
                                         26.6
                                               22.8
                                                     16.7
                                                           12.1
                                                                  9.0
                                                                       11.8
                                                                              17.1
## 8489
                      26.3
                            27.7
                                  24.5
                                         19.6
                                                7.5
                                                            1.3
                                                                             12.9
          21.7
                24.9
                                                      8.5
                                                                   4.7
                                                                        10.1
## 8490
          -6.5
                 4.8
                      11.2
                             2.2
                                   3.0
                                          0.3
                                                9.2
                                                     10.4
                                                           11.0
                                                                  7.4
                                                                       -9.7 -10.6
          -4.7
                       7.4
                             5.7
## 8491
                 4.4
                                  -7.6
                                         13.8
                                               -0.3
                                                      7.5
                                                           13.5
                                                                  14.0
                                                                         9.1
                                                                             13.0
                                  16.1 -18.7
## 8492
          12.3
                 7.0
                       1.5
                             7.3
                                                7.7
                                                     10.9
                                                           13.3
                                                                  9.0
                                                                       -4.1
                                                                              -6.1
## 8493
          -0.7
                 6.1
                      10.4
                           13.1
                                  12.0
                                          7.1
                                                1.9 - 13.8
                                                           -7.0
                                                                 -9.6 29.0
                                                                             21.7
                                                      0.1
## 8494
          27.0
               26.5 26.2
                            21.7
                                  15.7
                                          8.1
                                                7.9
                                                            7.1
                                                                 11.3
                                                                       13.4
                                                                              21.1
          24.6 26.1 24.4 14.8 12.4
                                                7.8
## 8495
                                          5.5
                                                      9.7 11.4 16.0 20.5
                                                                              25.1
```

```
## 8496
          24.3 24.8
                       20.9
                            18.9
                                    10.3
                                           6.5
                                                  4.4
                                                        7.6 10.2 15.0
                                                                           25.5
                                                                                 28.0
## 8497
          26.9
               23.1
                       18.2
                              8.5
                                     6.8
                                           8.4
                                                  7.9
                                                        9.5
                                                              15.3
                                                                    26.9
                                                                           25.4
                                                                                 28.2
                                                                    28.4
## 8498
          21.9
                16.1
                        7.8
                              5.3
                                     9.3
                                           6.3
                                                 13.7
                                                       15.8
                                                              20.5
                                                                           27.7
                                                                                 26.2
                              3.5
                                                 18.8
## 8499
          23.1
                 16.7
                       10.4
                                     6.8
                                          10.7
                                                       18.7
                                                              25.0
                                                                    28.0
                                                                           25.9
                                                                                 24.2
##
  8500
          17.0
                 10.6
                        6.7
                              25.4
                                    18.2
                                           6.4
                                                 21.0
                                                        4.7
                                                               4.3
                                                                    14.9
                                                                           20.8
                                                                                 26.5
  8501
          24.8
                25.2
                       23.0
                             17.9
                                    11.4
                                          10.9
                                                  4.2
                                                       11.9
                                                              10.7
                                                                    18.7
                                                                           23.8
                                                                                 26.4
##
  8502
          29.0
                30.4
                       23.9
                             16.7
                                     9.9
                                           9.7
                                                  7.0
                                                       19.1
                                                              22.4
                                                                    27.1
                                                                           26.9
                                                                    -8.7 -12.1
          25.5
                       14.3
                             16.9
                                                       10.7
## 8503
                21.4
                                     8.4
                                           8.5
                                                 -4.1
                                                              -8.0
                                                                                  5.4
##
   8504
          24.2
                -3.3
                      -6.7
                              15.1
                                    -4.6
                                          -7.1
                                                  9.0
                                                       14.5
                                                              18.1
                                                                     0.3 - 10.7
                                                                                  5.5
          -4.1
  8505
                -4.9 -11.9
                               6.5
                                    13.2
                                          22.6
                                                 22.4
                                                       21.5
                                                              17.4
                                                                            2.0
                                                                                 -5.0
##
                                                                    10.4
   8506
          -9.9
                18.4
                       23.3
                             14.5
                                    10.6
                                          19.3
                                                  5.1
                                                        6.2
                                                              21.5
                                                                    21.3
                                                                          14.7
                                                                                 19.5
                       20.3
                              3.9
  8507
          10.7
                19.8
                                     7.4
                                          20.8
                                                 10.3
                                                       18.3
                                                              13.8
                                                                     8.3
                                                                           23.8
                                                                                 20.1
##
##
   8508
          15.7
                  8.3
                        3.9
                              26.5
                                    24.8
                                          25.4
                                                 18.1
                                                       20.3
                                                              15.7
                                                                    11.1
                                                                           19.0
                                                                                 24.0
## 8509
          19.8
                19.7
                       18.8
                              7.2
                                    16.6
                                          20.4
                                                  7.4
                                                                           22.6
                                                        8.1
                                                              15.1
                                                                    27.6
                                                                                 19.4
                             19.7
## 8510
           6.2
                 10.1
                       18.8
                                    23.0
                                          22.5
                                                 12.5
                                                       27.2
                                                               8.7
                                                                    23.8
                                                                            9.7
                                                                                  9.0
## 8511
           9.0
                 18.7
                       21.2
                              26.4
                                    27.9
                                          27.7
                                                 18.9
                                                       12.1
                                                               7.7
                                                                     4.6
                                                                            9.1
                                                                                  9.0
## 8512
           9.4
                -5.5
                       -3.0
                               6.2
                                    10.7
                                          10.9
                                                  7.6 -11.8
                                                               5.8
                                                                           21.3
                                                                                 25.9
                                                                    18.1
## 8513
          27.2
                15.8
                       13.0
                              5.4
                                     8.1
                                          17.2
                                                 20.7
                                                       26.4
                                                              28.4
                                                                    26.8
                                                                           24.4
                                                                                  9.9
          18.5
## 8514
                20.9
                       24.0
                             26.2
                                    25.2
                                          17.1
                                                 10.9
                                                        3.7
                                                              12.7
                                                                    22.1
                                                                           25.2
                                                                                 25.0
## 8515
          25.0
                17.4
                        8.8
                             10.1
                                    17.2
                                          23.1
                                                  8.9
                                                       15.7
                                                              18.4
                                                                    25.0
                                                                           21.1
                                                                                  6.0
                                                 21.3
                                                                    11.2
## 8516
           6.7
                 15.7
                       19.3
                             23.5
                                    25.1
                                          25.1
                                                       17.6
                                                               9.3
                                                                            5.1
                                                                                  7.3
## 8517
          18.8
                 27.5
                       26.3
                             19.1
                                     6.6
                                          25.9
                                                 22.0
                                                       16.3
                                                               1.5
                                                                    19.4
                                                                           28.0
                                                                                 20.1
                                                               1.4
          10.7
                  5.7
                       26.1
                             22.5
                                     6.4
                                          18.2
                                                 21.6
                                                       14.4
                                                                     9.9
                                                                           19.8
                                                                                  5.0
## 8518
           7.8
                18.8
                       25.8
                              22.7
                                    14.4
                                           9.1
                                                 19.6
                                                       23.9
                                                              27.4
                                                                    27.8
                                                                           19.6
## 8519
                                                                                 13.8
           9.0
                      12.1
                              25.5
                                    27.8
                                          22.1
                                                              25.9
                                                                    24.5
                                                                                 13.7
## 8520
                  0.6
                                                  0.8
                                                       18.9
                                                                           19.5
           7.1
## 8521
                -0.6
                        5.3
                             18.4
                                    23.7
                                          -2.8
                                                 16.4
                                                       19.0
                                                              26.0
                                                                    26.9
                                                                           15.5
                                                                                  8.7
## 8522
          -2.1
                  0.6
                       17.9
                              26.5
                                    28.0
                                          19.8
                                                  3.5
                                                        5.0
                                                              21.9
                                                                    25.2
                                                                           29.8
                                                                                 26.0
  8523
                        2.4
                              24.0
                                    25.6
                                          25.1
                                                 22.5
                                                              -1.3
##
          20.7
                  1.8
                                                       13.9
                                                                    -1.0
                                                                           13.8
                                                                                 19.6
          23.6
                       26.5
                                                              25.3
                                                                            9.7
## 8524
                23.9
                             20.8
                                   15.6
                                           1.1
                                                 -1.2
                                                       18.3
                                                                    22.6
                                                                                  0.5
  8525
           6.2
                15.8
                       17.8
                              26.1
                                    27.1
                                          25.7
                                                 22.5
                                                       11.0
                                                               2.9
                                                                    15.1
                                                                           19.0
                                                                                 27.2
## 8526
          23.5
                 22.1
                       15.4
                              9.3
                                    10.7
                                          26.0
                                                 14.3
                                                        4.4
                                                              15.8
                                                                    19.2
                                                                           24.5
                                                                                 25.8
##
  8527
          25.6
                13.0
                        6.5
                               3.2
                                     3.8
                                          13.4
                                                 17.9
                                                       26.3
                                                              27.7
                                                                    25.7
                                                                           20.7
                                                                                 13.1
                        2.7
                                           8.2
##
   8528
          10.7
                  4.0
                               0.6
                                    -5.2
                                                 15.8
                                                       19.6
                                                              22.3
                                                                    22.1
                                                                           18.8
                                                                                 15.8
  8529
                                                                           -5.3
           5.2
                -0.8
                       -0.3
                             10.2
                                    13.0
                                          21.2
                                                 22.8
                                                       20.4
                                                              10.3
                                                                     5.3
                                                                                 -0.2
##
##
  8530
          10.2
                14.9
                       18.2
                              20.8
                                    22.4
                                          16.6
                                                 10.4
                                                       -2.2
                                                              -0.5
                                                                    11.8
                                                                           16.5
                                                                                 20.8
##
  8531
          23.9
                22.3
                       19.2
                             11.5
                                     6.0
                                          -4.5
                                                 -2.0
                                                        9.9
                                                              16.0
                                                                    19.8
                                                                           24.0
                                                                                 22.1
## 8532
          19.4
                13.5
                        8.0
                              0.1
                                     2.2
                                          10.8
                                                 16.8
                                                       19.6
                                                              23.3
                                                                    22.6
                                                                           19.6
                                                                                 12.6
##
  8533
           3.5
                -0.9
                       -1.2
                              9.1
                                    15.1
                                          20.2
                                                 24.7
                                                       20.4
                                                              16.2
                                                                    12.1
                                                                            4.4
                                                                                 -4.0
   8534
          -3.9
                  8.9
                       15.4
                             19.8
                                    22.7
                                          20.9
                                                 17.4
                                                       12.5
                                                               4.7
                                                                    -3.9
                                                                          -8.0
                                                                                  9.5
##
                                                       -0.2
## 8535
          17.4
                18.9
                       23.5
                             23.4
                                    19.6
                                          11.5
                                                  8.5
                                                               0.5
                                                                     8.6
                                                                          14.8
                                                                                 20.7
  8536
          23.4
                24.5
                       18.5
                             12.9
                                     5.8
                                                  2.2
                                                       12.2
                                                              14.3
                                                                    19.7
                                                                           22.1
                                            1.4
                                                                    23.9
## 8537
          19.0
                14.9
                        5.1
                             -3.4
                                     2.3
                                           6.5
                                                 17.0
                                                       19.6
                                                              23.8
                                                                           19.5
                                                                                 11.4
                -2.0
                       -0.4
                             10.1
                                          20.3
                                                 24.7
                                                              17.4
##
  8538
           4.1
                                    14.5
                                                       21.9
                                                                    12.5
                                                                            2.9
                                                                                  0.7
           0.9
                      13.4
                             19.9
                                          22.1
                                                 17.4
##
  8539
                  6.9
                                    24.8
                                                       12.1
                                                               8.1
                                                                     0.9
                                                                           -2.1
                                                                                 -1.8
                       20.6
                             21.2
                                    22.3
## 8540
           9.3 14.0
                                          18.1
                                                 13.4
                                                        5.0
                                                               3.0
                                                                    -4.2
                                                                           22.0
                                                                                  7.1
                              7.6
                                                                    -0.9
## 8541
          18.3 -13.5 -11.0
                                     8.7
                                          -5.4
                                                 -6.0
                                                       -6.3
                                                              11.4
                                                                            7.4
                                                                                 21.7
## 8542
          -4.0
               22.0
                       23.1
                              15.0
                                     0.9
                                          -3.3 -11.5
                                                         6.5
                                                              11.7
                                                                    22.0
                                                                           26.1
                                                                                 22.5
## 8543
          18.3
                        2.2
                              -8.7
                                    -6.8
                                          -0.1
                                                  0.2
                                                                           23.3
                                                                                 24.8
                  8.7
                                                         0.5
                                                              14.7
                                                                    21.5
## 8544
          23.9
                20.8
                      14.5
                              9.1
                                     5.8
                                          -3.7
                                                  0.1
                                                        8.6
                                                              10.8
                                                                    16.9
                                                                           22.6
                                                                                 27.6
                       13.1
## 8545
          23.2
                18.8
                               9.7
                                     1.3
                                           0.6
                                                 -0.4
                                                        8.8
                                                              14.4
                                                                    15.9
                                                                           22.8
                                                                                 23.9
##
  8546
          22.3
                19.2
                       13.9
                               5.7
                                     1.6
                                          -1.6
                                                 -1.3
                                                              13.5
                                                                    16.3
                                                                           24.2
                                                                                 24.8
                                                        8.1
## 8547
          24.6
                19.3
                       14.2
                               5.9
                                    -0.6
                                          -2.4
                                                  1.3
                                                        2.9
                                                              14.2
                                                                    18.2
                                                                          22.4
                                                                                 26.9
## 8548
          24.9 20.6
                      12.0
                               6.1
                                    -0.6
                                          -5.1
                                                 -0.1
                                                         4.0
                                                             13.2
                                                                    19.4
                                                                          21.8
                                                                                 24.8
                                          -2.7
## 8549
          24.2 21.1 13.3
                               6.1
                                     3.0
                                                  0.1
                                                        5.4 13.6 16.3 25.2
                                                                                 23.6
```

```
## 8550
           23.7 21.8
                       17.2
                                7.6
                                      4.3
                                            -2.0
                                                    0.9
                                                           6.8
                                                               13.2
                                                                      18.4
                                                                              22.7
                                                                                     24.4
           24.9
                 21.4
                        12.4
                                4.3
                                            -1.2
                                                    0.6
                                                           9.3
                                                                11.2
                                                                       15.8
                                                                              23.0
                                                                                     25.4
##
   8551
                                     -2.7
                        15.7
                                                                              20.2
   8552
           24.7
                 20.6
                                7.9
                                      -0.7
                                            -3.0
                                                    1.8
                                                           8.3
                                                                13.2
                                                                       17.3
                                                                                     26.3
   8553
           22.4
                 15.7
                        13.9
                                6.1
                                      0.0
                                            -0.3
                                                   -2.1
                                                           2.9
                                                                11.4
                                                                       18.3
                                                                              22.4
                                                                                     24.6
##
##
   8554
           24.4
                 17.0
                        14.2
                                8.4
                                       1.8
                                            -1.9
                                                    5.9
                                                           8.1
                                                                12.9
                                                                       15.1
                                                                              21.3
                                                                                     25.5
   8555
           24.1
                 19.9
                         9.9
                                1.6
                                     -2.7 -10.2
                                                    0.5
                                                           8.4
                                                                14.6
                                                                       20.1
                                                                              23.1
                                                                                     26.3
##
                 21.2
                        13.1
                                7.2
                                                   -5.7
                                                                13.7
   8556
           25.0
                                     -0.1
                                            -6.4
                                                           3.2
                                                                       17.1
                                                                              23.1
                 23.4
                                            -8.9
                                                   -4.9
##
   8557
           24.9
                        13.4
                                8.1
                                       1.2
                                                           6.8
                                                                11.7
                                                                       18.0
                                                                              22.3
                                                                                     24.5
##
   8558
           24.1
                 19.5
                        14.2
                                6.2
                                       2.2
                                            -1.5
                                                   -2.6
                                                           3.9
                                                                11.2
                                                                       17.9
                                                                              24.1
                                                                                     30.6
##
   8559
           27.6
                 21.1
                        11.9
                                6.3
                                      1.0
                                            -1.7
                                                    0.8
                                                           6.9
                                                                15.9
                                                                       15.1
                                                                              23.6
                                                                                     25.6
##
   8560
           23.7
                 19.6
                        12.8
                                8.2
                                     -1.3
                                            -5.3
                                                   -0.8
                                                           7.3
                                                                10.6
                                                                       18.9
                                                                              20.2
                                                                                     25.8
   8561
           23.1
                 18.9
                        13.4
                                6.5
                                      4.4
                                            -0.3
                                                    3.4
                                                                 9.0
                                                                       15.8
                                                                              22.1
                                                                                     26.5
##
                                                           6.4
##
   8562
           27.8
                 20.8
                        13.3
                                7.5
                                     -8.0
                                            -2.4
                                                    4.4
                                                           2.6
                                                                11.5
                                                                       16.0
                                                                              23.6
                                                                                     24.1
   8563
                        14.6
                                6.3
                                            -6.7
                                                   -2.5
                                                                14.9
##
           26.0
                 19.0
                                       3.6
                                                           9.0
                                                                       18.1
                                                                              20.6
                                                                                     24.7
   8564
           22.4
                 19.7
                        14.7
                                5.0
                                             0.9
                                                    0.3
                                                           9.0
                                                                14.6
                                                                       18.9
                                                                              24.4
                                                                                     26.8
##
                                      -4.1
##
   8565
           22.2
                 21.7
                        13.9
                                3.9
                                       1.7
                                            -1.1
                                                    4.4
                                                           8.6
                                                                12.8
                                                                       20.6
                                                                              24.2
                                                                                     26.2
   8566
           25.0
                 19.8
                        11.1
                                7.9
                                       2.2
                                            -2.4
                                                   -2.2
                                                                12.3
                                                                              24.0
                                                                                     25.9
##
                                                           6.5
                                                                       18.9
##
   8567
           26.1
                 20.8
                        10.6
                                7.4
                                      1.1
                                             3.4
                                                   -4.9
                                                           6.5
                                                                12.7
                                                                       16.4
                                                                              21.2
                                                                                     24.7
           23.4
                                                                11.7
   8568
                 17.5
                        14.3
                                             4.2
                                                    3.5
                                                           7.9
                                                                              22.9
##
                                6.5
                                      -5.8
                                                                       15.3
                                                                                     24.2
##
   8569
           24.0
                 21.4
                        12.9
                               10.2
                                      -0.2
                                            -3.4
                                                    4.4
                                                           9.3
                                                                14.3
                                                                       21.2
                                                                              24.4
                                                                                     25.5
                        14.0
                                                                12.8
                                                                       16.7
                                                                              21.3
##
   8570
           24.8
                 19.7
                                3.9
                                       2.8
                                             1.8
                                                    4.5
                                                           8.1
                                                                                     24.0
   8571
           21.3
                 18.9
                        13.8
                                4.8
                                       0.9
                                            -1.4
                                                   -1.5
                                                           4.4
                                                                10.8
                                                                       17.4
                                                                              22.4
##
                                                                                     25.7
   8572
           24.9
                 17.1
                        11.6
                                4.4
                                            -4.1
                                                   -0.3
                                                           7.6
                                                                12.7
                                                                       17.2
                                                                              24.1
##
                                       1.4
                                                                                     24.0
           23.6
                 19.0
                        14.3
                                8.8
                                       3.2
                                            -2.8
                                                                11.7
                                                                       16.0
                                                                              22.8
##
   8573
                                                    1.4
                                                           8.0
                                                                                     25.7
                        14.2
                                                                11.0
##
   8574
           27.1
                 18.1
                                4.4
                                      -0.1
                                            -3.1
                                                    1.7
                                                           3.4
                                                                       18.7
                                                                              22.3
                                                                                     23.7
   8575
           23.9
                 18.2
                        13.4
                                3.3
                                       0.8
                                            -3.7
                                                    2.4
                                                           7.7
                                                                 9.4
                                                                       14.9
                                                                              21.7
                                                                                     25.1
##
   8576
           23.8
                 20.1
                        13.7
                                4.7
                                       0.8
                                             1.5
                                                    4.9
                                                           4.8
                                                                12.1
                                                                       20.9
                                                                              22.8
                                                                                     24.9
                        14.2
                                                    5.3
                                                                13.5
                                                                       17.5
                                                                              22.3
##
   8577
           25.0
                 22.4
                                9.0
                                       1.7
                                            -2.1
                                                           5.3
                                                                                     26.7
                                                                12.2
   8578
           24.3
                 19.3
                        13.7
                                       2.4
                                            -0.1
                                                    5.5
                                                           8.4
                                                                       19.5
                                                                              21.3
                                                                                     24.4
##
                               11.1
##
   8579
           25.9
                 19.9
                        15.5
                                3.7
                                      -6.7
                                            -1.5
                                                    0.7
                                                           4.4
                                                                16.3
                                                                       18.3
                                                                              21.8
                                                                                     25.8
##
   8580
           24.9
                 19.0
                        13.0
                               10.4
                                       3.0
                                             1.4
                                                    2.8
                                                           4.6
                                                                13.6
                                                                       15.7
                                                                              23.4
                                                                                     26.0
##
   8581
           25.0
                 21.2
                        10.9
                                5.0
                                       1.7
                                            -3.3
                                                   -1.3
                                                           7.0
                                                                13.5
                                                                       17.3
                                                                              20.6
                                                                                     25.2
##
   8582
           26.1
                 18.0
                        13.7
                                7.8
                                       2.2
                                            -2.5
                                                    0.3
                                                           8.3
                                                                13.6
                                                                       19.1
                                                                              21.3
                                                                                     23.4
                                                                       17.8
                                                                              24.2
                                                                                     26.5
   8583
           21.2
                 20.4
                        14.6
                                            -0.2
                                                    4.2
                                                           6.3
                                                                13.9
##
                                8.2
                                       1.9
   8584
           25.6
                 21.8
                        13.8
                                8.2
                                      -0.5
                                             5.0
                                                    1.1
                                                           7.9
                                                                16.1
                                                                       18.3
                                                                              23.2
                                                                                     26.8
##
                                                          11.5
   8585
           26.3
                 18.7
                        11.9
                                8.3
                                       3.2
                                            -0.6
                                                   -1.7
                                                                11.3
                                                                       20.7
                                                                              23.3
                                                                                     24.7
##
##
   8586
           28.2
                 22.7
                        16.0
                                7.2
                                       0.7
                                            -0.4
                                                   -0.6
                                                           6.6
                                                                11.8
                                                                       17.0
                                                                              23.1
                                                                                     24.8
   8587
           23.0
                 19.4
                        13.2
                                5.8
                                     -1.2
                                            -2.8
                                                    2.7
                                                           8.1
                                                                11.7
                                                                       17.8
                                                                              23.4
                                                                                     22.4
##
   8588
           22.2
                 19.2
                        10.4
                               10.0
                                      -0.7
                                            -4.3
                                                   -2.7
                                                           7.6
                                                                15.8
                                                                       18.0
                                                                              24.8
                                                                                     25.3
##
   8589
           25.6
                 20.1
                        14.6
                                7.8
                                     -1.9
                                            -4.0
                                                    0.0
                                                           6.9
                                                                13.9
                                                                       16.9
                                                                              23.9
                                                                                     27.9
##
   8590
                        14.5
                                             1.9
                                                    4.4
                                                                              24.9
##
           25.1
                 17.9
                                8.6
                                       3.2
                                                          15.4
                                                                14.9
                                                                       21.4
                                                                                     29.6
   8591
           25.9
                 19.9
                        12.5
                                7.7
                                      3.9
                                             1.0
                                                    1.3
                                                           3.6
                                                                11.9
                                                                       17.8
                                                                              23.0
                                                                                     24.0
##
                 21.7
##
   8592
           24.4
                        13.5
                                5.5
                                      -1.1
                                            -3.8
                                                   -3.8
                                                           5.1
                                                                12.8
                                                                       18.9
                                                                              23.5
                                                                                     22.9
                 20.0
                                            -0.3
                                                   -3.4
                                                                14.6
                                                                       18.6
##
   8593
           25.3
                        14.1
                                3.7
                                       2.7
                                                           7.4
                                                                              23.5
                                                                                     25.1
                                            -0.7
##
   8594
           23.3
                 22.0
                        14.8
                                9.7
                                       5.9
                                                    3.6
                                                          10.5
                                                                14.4
                                                                       17.6
                                                                              25.5
                                                                                     25.5
                                                    7.5
   8595
           24.4
                 22.0
                        16.9
                               10.5
                                       0.2
                                             1.7
                                                           9.2
                                                                15.3
                                                                       18.2
                                                                              23.5
                                                                                     26.3
##
##
   8596
           22.4
                 21.8
                        15.0
                                8.4
                                       1.2
                                            -1.6
                                                    2.2
                                                           6.2
                                                                 9.4
                                                                       23.1
                                                                              25.9
                                                                                     26.1
   8597
                        14.1
                                       2.8
                                            -0.9
                                                                14.5
                                                                              23.1
##
           25.6
                 22.3
                                3.0
                                                    0.2
                                                           5.5
                                                                       18.8
                                                                                     26.0
##
   8598
           24.7
                 24.3
                        12.0
                                5.3
                                       3.7
                                             1.1
                                                    1.7
                                                           9.5
                                                                11.7
                                                                       17.3
                                                                              24.3
                                                                                     26.7
                        12.5
##
   8599
           24.1
                 20.2
                                9.8
                                       2.9
                                             1.2
                                                   -4.5
                                                          10.3
                                                                13.3
                                                                       17.7
                                                                              24.8
                                                                                     25.5
   8600
           26.5
                 23.2
                        16.0
                                8.2
                                      7.3
                                            -1.6 -21.2 -16.1
                                                                -8.7
                                                                        0.0
##
                                                                              10.1
                                                                                     15.2
##
   8601
           18.0
                 13.2
                         8.7
                                1.4 - 10.9 - 17.7 - 21.5 - 14.6
                                                                -2.4
                                                                        2.8
                                                                              12.1
                                                                                     17.5
## 8602
           18.9
                 13.1
                         9.1
                               -0.1 -10.4 -20.7 -29.6 -21.0 -12.8
                                                                       -0.8
                                                                              11.8
                                                                                     15.2
                              -2.5 -16.6 -17.6 -18.5 -22.8 -14.4
## 8603
           16.1 15.4
                         8.7
                                                                      -2.5
                                                                             10.3
                                                                                    17.0
```

```
## 8604
           18.0 13.0
                         5.5 -2.0 -18.8 -18.3 -22.7
                                                          8.4 13.4
                                                                      14.9
                                                                             22.2
                                                                                    22.9
                              -5.3
                                     -9.5
                                            -0.9
                                                    2.8
                                                          6.4
                                                                12.3
                                                                             21.2
                                                                                    20.8
##
  8605
           18.0
                  8.4
                         1.1
                                                                      16.7
   8606
           11.9
                  7.2
                         5.0
                               -1.5
                                     -6.9
                                            -3.0
                                                    3.0
                                                          6.3
                                                                12.7
                                                                       15.8
                                                                             21.3
                                                                                    21.3
   8607
           8.8
                 -6.2 -13.1
                               -4.9 -12.5
                                             0.2
                                                    6.9
                                                         13.3
                                                                16.3
                                                                       21.7
                                                                             22.1
                                                                                    15.1
##
##
   8608
            6.3
                  3.0
                        -5.8
                               -6.7
                                     -3.3
                                            -8.9
                                                    3.3
                                                          9.0
                                                                17.5
                                                                       23.2
                                                                             19.3
                                                                                    15.4
   8609
                       -9.3
                              -9.6
                                     -4.4
                                             7.5
                                                   10.8
                                                         15.6
                                                                22.1
                                                                      23.1
                                                                             13.8
                                                                                     9.2
##
            1.1
                 -4.1
                 -4.4 - 12.5
                               -6.9
                                             6.3
                                                   10.0
  8610
           -5.9
                                      1.5
                                                         15.2
                                                                20.2
                                                                      17.7
                                                                             15.4
                                                                                     6.8
                 -4.5 -12.3
                                             7.4
                                                                             11.2
## 8611
            1.1
                               -3.3
                                      0.2
                                                    8.8
                                                         17.0
                                                                20.7
                                                                      18.2
                                                                                     2.4
##
   8612
            6.8
                 10.0
                        15.0
                               19.4
                                     20.4
                                            10.2
                                                    9.7
                                                         -1.9 -10.6 -12.0 -11.6
                                                                                    -5.7
                        16.0
                                     20.2
                                                               -4.0
##
   8613
            3.9
                 10.0
                               21.1
                                            14.6
                                                    9.3
                                                         -0.3
                                                                      -4.9
                                                                             -5.6
                                                                                     6.4
                                                               -7.9
  8614
            7.7
                 12.1
                        18.4
                               24.1
                                     20.2
                                            15.1
                                                    6.8
                                                          0.0
                                                                      -8.4
                                                                             -3.5
                                                                                    -4.3
                        16.2
## 8615
                 11.3
                               19.8
                                     20.7
                                            17.5
                                                    5.5
                                                         -1.4 - 12.5
                                                                      -8.0 -11.6
            0.6
                                                                                    -3.1
##
   8616
            3.8
                 11.7
                        15.4
                               19.0
                                     19.0
                                            14.2
                                                    8.3
                                                         -4.9
                                                                -3.8
                                                                      -5.6
                                                                             -7.7
                                                                                     2.6
                        18.0
                               20.9
                                            17.0
                                                                             -1.6
##
   8617
            6.7
                 10.6
                                     20.4
                                                    9.0
                                                          0.0
                                                                -4.8
                                                                      -7.4
                                                                                     2.2
  8618
                 12.2
                        18.3
                               20.2
                                     19.4
                                            14.1
                                                    7.2
                                                          3.4 -11.6 -10.8
                                                                             -5.4
##
            5.7
                                                                                    -0.4
##
   8619
            5.4
                 12.5
                        17.9
                               23.9
                                     18.5
                                            14.6
                                                    7.0
                                                         -0.8
                                                                -7.4
                                                                      -8.3 -13.6
                                                                                    -2.6
                 15.3
                        18.7
                               20.5
                                     20.3
                                            12.6
                                                    4.7
                                                         -2.7
                                                                -3.6
                                                                      -7.8 -17.8
                                                                                    -5.0
##
  8620
            1.9
##
   8621
            5.9
                  9.0
                        17.0
                               20.2
                                     18.9
                                            15.0
                                                    3.8
                                                         -2.2
                                                                -5.6
                                                                      -7.4
                                                                             -4.4
                                                                                     0.4
            3.1
                              21.1
  8622
                        18.9
                                     21.8
                                            14.8
                                                    3.6
                                                          2.2
                                                                -1.7
                                                                       -2.9 -12.3
##
                 11.3
                                                                                     3.2
##
  8623
            5.1
                 11.5
                        19.9
                               23.7
                                     20.8
                                            17.7
                                                    9.8
                                                          2.3
                                                                -7.3
                                                                       -7.6
                                                                             17.0
                                                                                    12.8
                               -3.0
##
  8624
           14.8
                 10.3
                        -4.2
                                     11.1
                                             8.5
                                                    8.1
                                                         17.8
                                                                 0.0
                                                                       -1.7
                                                                              6.2
                                                                                    12.9
  8625
           20.8
                 23.3
                         4.5
                               -0.2
                                     -0.7
                                            -6.7
                                                    6.2
                                                         11.9
                                                                20.9
                                                                       23.6
                                                                             22.7
                                                                                    18.4
##
           10.0
                  6.6
## 8626
                         0.8
                               -3.2
                                     12.0
                                            18.0
                                                   22.0
                                                          6.3
                                                                        2.9
                                                                              4.8
                                                                                    13.3
                                                                 1.8
           17.8
                 26.3
                        28.9
                               26.1
                                     22.3
                                            12.9
                                                           2.3
                                                                        7.0
                                                                                    16.6
##
  8627
                                                    8.5
                                                                 1.9
                                                                              8.3
                        25.7
                                     20.7
                 24.5
                               27.6
## 8628
           18.0
                                            14.3
                                                    7.4
                                                           1.9
                                                                 2.6
                                                                        5.3
                                                                              7.9
                                                                                    12.4
   8629
           19.0
                 24.2
                        25.1
                               25.2
                                     20.0
                                            14.9
                                                    8.0
                                                           2.3
                                                                 3.6
                                                                        6.1
                                                                             10.7
                                                                                    11.9
##
   8630
           20.5
                 23.8
                        24.9
                               25.4
                                     21.5
                                            14.6
                                                    9.5
                                                           3.2
                                                                 2.1
                                                                        5.6
                                                                             10.6
                                                                                    17.8
                        26.7
                                                                12.9
##
   8631
           18.0
                 24.3
                               25.7
                                     20.6
                                            15.5
                                                    5.7
                                                           6.9
                                                                      17.8
                                                                             25.8
                                                                                    24.7
   8632
           26.7
                 20.5
                        14.7
                                5.3
                                      2.9
                                             7.1
                                                    4.3
                                                         11.3
                                                                13.1
                                                                       17.8
                                                                             27.4
                                                                                    26.6
##
##
   8633
           24.8
                 22.0
                        15.4
                                8.7
                                      2.0
                                             4.6
                                                    8.8
                                                          8.4
                                                                16.6
                                                                      17.5
                                                                             24.7
                                                                                    27.4
##
  8634
           25.0
                 22.7
                        15.6
                                9.6
                                      5.3
                                             2.8
                                                    3.4
                                                          8.7
                                                                14.6
                                                                      18.3
                                                                             22.7
                                                                                    24.4
##
   8635
           24.7
                 21.8
                        15.4
                                7.7
                                      5.8
                                             4.7
                                                    2.8
                                                         10.0
                                                                13.3
                                                                       21.3
                                                                             25.7
                                                                                    25.4
##
   8636
           24.6
                 22.8
                        16.6
                                6.7
                                      5.5
                                             3.8
                                                    9.3
                                                          8.7
                                                                11.7
                                                                       16.9
                                                                             23.4
                                                                                    26.7
                                                                             24.8
   8637
           24.7
                 19.4
                        13.5
                                             2.0
                                                    4.9
                                                                11.5
                                                                      19.4
                                                                                    26.0
##
                                5.3
                                      5.8
                                                           4.4
   8638
           25.4
                 20.5
                        13.8
                                8.7
                                      3.9
                                             2.3
                                                    4.5
                                                          8.2
                                                                13.4
                                                                       19.4
                                                                             23.6
                                                                                    24.1
##
                                      4.4
                                                          7.3
   8639
           24.4
                 21.4
                        13.3
                                             1.0
                                                                15.0
                                                                      18.9
                                                                             24.2
                                                                                    23.6
##
                                6.1
                                                    1.3
##
  8640
           24.3
                 20.9
                        14.7
                                8.9
                                      1.0
                                             1.3
                                                    5.1
                                                          8.6
                                                                13.4
                                                                      19.3
                                                                             23.1
                                                                                    23.4
## 8641
           22.8
                 18.7
                        15.4
                                5.7
                                      2.6
                                            -0.1
                                                    7.2
                                                           6.8
                                                                13.6
                                                                      20.9
                                                                             22.2
                                                                                    23.5
  8642
           24.6
                 19.7
                        14.8
                                8.2
                                      3.8
                                            -1.2
                                                    4.6
                                                          9.1
                                                                15.7
                                                                       18.9
                                                                             21.7
                                                                                    25.2
##
## 8643
           23.6
                 20.5
                        17.4
                                8.8
                                      1.0
                                             2.5
                                                   -0.1
                                                                13.6
                                                                      19.3
                                                                             22.8
                                                                                    26.6
                                                           7.0
   8644
                 19.6
                        14.9
                                7.3
                                      3.3
                                             4.8
                                                                             22.5
           24.8
                                                    2.4
                                                           4.0
                                                                14.7
                                                                       18.5
                                                                                    25.4
  8645
           22.9
                 19.3
                        14.5
                               11.0
                                      5.0
                                            -0.6
                                                    1.9
                                                          9.9
                                                                13.0
                                                                      18.4
                                                                             22.1
                                                                                    26.5
##
##
   8646
           21.5
                 19.3
                        12.9
                                9.3
                                      2.3
                                             3.7
                                                    4.6
                                                         11.7
                                                                16.1
                                                                      17.9
                                                                             22.0
                                                                                    23.7
                        14.6
                                                                11.9
                                                                       17.6
##
   8647
           21.7
                 18.7
                                8.1
                                      0.8
                                             3.3
                                                    4.1
                                                          7.7
                                                                             23.8
                                                                                    23.5
   8648
##
           22.7
                 19.1
                        15.1
                                6.9
                                      3.4
                                             5.7
                                                    4.6
                                                           3.3
                                                                14.4
                                                                      17.8
                                                                             22.0
                                                                                    26.1
                        12.2
                                7.3
                                                                       22.3
  8649
           25.3
                 20.2
                                      4.6
                                             1.3
                                                    6.2
                                                          5.3
                                                                18.8
                                                                             24.6
##
                                                                                    24.3
##
  8650
           19.4
                 11.3
                         7.8
                                5.5
                                      3.3
                                             3.4
                                                    8.5
                                                         17.6
                                                                23.4
                                                                       24.1
                                                                             21.6
                                                                                    19.0
   8651
                         4.1
                                3.8
                                      6.6
                                            12.3
##
           14.5
                  8.6
                                                   18.4
                                                         23.9
                                                                22.7
                                                                       17.1
                                                                             14.5
                                                                                     8.1
##
   8652
            3.2
                  2.9
                         8.0
                               12.5
                                     18.0
                                            23.9
                                                   23.1
                                                         25.2
                                                                19.4
                                                                       15.7
                                                                              8.3
                                                                                     3.8
            2.7
##
   8653
                  9.0
                         9.0
                               15.9
                                     23.3
                                            23.5
                                                   23.8
                                                         19.0
                                                                11.2
                                                                        5.2
                                                                              3.4
                                                                                     0.0
   8654
            5.9
                  8.7
                        19.6
                               24.5
                                     25.9
                                            24.7
                                                   22.8
                                                         15.4
                                                                        4.9
##
                                                                 8.4
                                                                             -1.1
                                                                                     2.1
##
   8655
           10.4
                 19.5
                        24.4
                               27.2
                                     24.3
                                            20.8
                                                   15.6
                                                          7.9
                                                                 0.4
                                                                       -1.4
                                                                              4.4
                                                                                     8.6
##
  8656
           17.0
                 21.1
                        25.2
                              23.5
                                     21.6
                                            16.7
                                                    6.2
                                                           4.4
                                                                 4.0
                                                                        5.6
                                                                              8.4
                                                                                    17.5
## 8657
           26.7 27.9
                        24.6
                              20.6
                                     13.3
                                             6.9
                                                    6.6
                                                           4.4
                                                                 6.0
                                                                        7.3
                                                                             17.3
                                                                                    24.0
```

```
## 8658
           25.2 22.5
                        20.0
                             13.6
                                    10.7
                                             6.0
                                                   4.1
                                                          3.7
                                                               10.4
                                                                      18.9
                                                                             22.8
                                                                                   25.4
          25.3
                 22.2
                        13.8
                               6.9
                                             2.0
                                                   4.8
                                                          8.7
                                                               15.9
                                                                      22.0
                                                                             25.5
                                                                                   25.5
##
  8659
                                      1.7
                                                                             23.2
   8660
           22.2
                 15.7
                         9.5
                              -0.5
                                      1.5
                                             5.5
                                                   7.6
                                                         19.3
                                                               21.9
                                                                      24.3
                                                                                   18.0
                                      3.5
##
   8661
           12.4
                  7.4
                         3.8
                               0.5
                                             9.0
                                                  18.8
                                                         21.8
                                                               24.6
                                                                      24.1
                                                                             18.7
                                                                                   13.7
##
   8662
            7.3
                  1.3
                         5.1
                               5.5
                                     10.9
                                           18.3
                                                  22.7
                                                         26.3
                                                               24.3
                                                                      21.2
                                                                             14.1
                                                                                    5.5
   8663
            2.1
                  2.3
                         5.3
                               7.5
                                     18.8
                                           23.1
                                                  25.1
                                                         23.7
                                                               20.2
                                                                      15.0
                                                                              7.9
                                                                                    3.0
##
                  5.6
                         9.7
                              18.8
                                     23.8
                                           23.5
                                                  24.0
                                                         20.0
   8664
            1.9
                                                                14.6
                                                                       8.2
                                                                              3.0
                                                                                    3.9
                        20.7
                              21.2
                                           22.7
                                                  17.4
## 8665
            1.5
                 11.1
                                     24.1
                                                         13.8
                                                                 8.3
                                                                       0.6
                                                                              3.2
                                                                                    5.7
##
   8666
            9.2
                 18.4
                        27.3
                              23.7
                                     23.6
                                           21.0
                                                  14.2
                                                          8.9
                                                                 2.5
                                                                       1.8
                                                                              8.0
                                                                                   10.4
                              23.0
                                                                      10.5
##
   8667
           21.3
                 24.1
                        24.0
                                     18.0
                                           13.9
                                                   3.3
                                                          2.0
                                                                 7.4
                                                                             21.6
                                                                                   24.3
##
   8668
           22.7
                 20.8
                        15.7
                               4.8
                                     25.5
                                           19.8
                                                  13.1
                                                          5.3
                                                                 4.9
                                                                       9.6
                                                                             18.7
                                                                                   26.3
   8669
           26.1
                 25.0
                        21.5
                              15.0
                                      8.9
                                             8.3
                                                  25.3
                                                         15.2
                                                                 7.1
                                                                      24.3
                                                                             17.6
                                                                                   13.2
##
##
   8670
           23.5
                 14.2
                         7.8
                               0.2
                                     13.4
                                           23.4
                                                  15.2
                                                         19.2
                                                                 4.5
                                                                      25.2
                                                                             25.6
                                                                                   25.3
   8671
           20.7
                         4.0
                                2.5
                                             6.5
                                                   2.6
                                                                18.9
                                                                      19.2
##
                 14.1
                                     21.0
                                                          4.4
                                                                             23.1
                                                                                   15.2
   8672
           3.6
                 13.3
                        16.9
                              23.4
                                      9.8
                                           14.6
                                                  14.4
                                                         22.2
                                                               22.8
                                                                       3.4
                                                                             12.9
                                                                                   20.3
##
##
   8673
           25.2
                 26.9
                        26.1
                              19.1
                                     10.1
                                             4.0
                                                   2.9
                                                          9.5
                                                               -2.3
                                                                       7.2
                                                                             14.7
                                                                                   19.2
           15.3
                 15.1
                         5.3
                              12.0
                                     15.6
                                             8.7
                                                  -1.3
                                                         18.1
                                                                10.8
                                                                       2.0
                                                                             -1.5
##
   8674
                                                                                   -1.7
##
   8675
           19.1
                 18.2
                        16.4
                              12.2
                                     -1.8
                                           10.9
                                                  15.6
                                                          8.3
                                                                 6.3
                                                                      -0.7
                                                                              0.1
                                                                                   14.7
           19.0
                                                                8.2
  8676
                 -0.4
                        -2.5
                               6.6
                                     13.1
                                           18.9
                                                  21.0
                                                         21.2
                                                                       3.5
                                                                             -0.5
                                                                                   -2.1
##
##
  8677
           -4.2
                  4.2
                         9.3
                              17.3
                                     19.2
                                           19.2
                                                  15.8
                                                          8.1
                                                                 4.7
                                                                       1.5
                                                                             -2.1
                                                                                   20.9
                        21.1
                              12.4
                                                                      25.6
##
   8678
           10.4
                 16.0
                                      0.0
                                           11.3
                                                  14.1
                                                          2.9
                                                                10.3
                                                                             21.3
                                                                                   -0.2
   8679
           14.5
                 23.8
                        23.2
                              16.6
                                     -1.3
                                            -5.9
                                                   9.3
                                                         15.2
                                                                23.9
                                                                      24.8
                                                                             25.2
                                                                                   21.6
                  6.8
  8680
           12.3
                         2.0
                              -2.5
                                      6.1
                                             3.1
                                                  21.3
                                                          8.3
                                                                 1.0
                                                                      -0.6
                                                                             19.1
                                                                                   15.3
##
   8681
          17.0
                 27.5
                        24.4
                               9.3
                                     26.1
                                           24.3
                                                  10.1
                                                          1.9
                                                               12.0
                                                                      18.6
                                                                             26.4
                                                                                   26.8
##
          25.3
                19.1
                         8.2
                               1.5
                                     23.6 -12.9
                                                                 0.2 - 16.1
                                                                                   16.1
##
  8682
                                                   5.4
                                                         14.6
                                                                             10.9
   8683
         -12.2 -10.5
                        10.1
                               0.5
                                     -4.0
                                           -7.2
                                                  -5.7
                                                          8.0
                                                               18.2
                                                                     16.5
                                                                              3.5
                                                                                   -9.4
   8684
         -10.1
                 20.3
                         4.4
                              -9.6
                                     -4.9
                                           21.0
                                                  18.3
                                                         15.4
                                                               -2.1 -12.7
                                                                             -5.0
                                                                                    5.2
##
                        -9.7
                                     20.5
                                           13.5
                                                  -7.4 -15.3
                                                                4.9
                                                                             21.9
##
   8685
          21.5
                 18.6
                              12.0
                                                                      13.8
                                                                                   23.1
                                                                11.2
   8686
          21.4
                 17.0
                       10.1
                              -0.6
                                     -9.3 -16.3
                                                  -4.6
                                                          2.7
                                                                      20.0
                                                                             21.5
                                                                                   26.5
##
   8687
           24.7
                 21.0
                        12.0
                               9.0
                                      2.1
                                           -2.6
                                                  -1.4
                                                          6.7
                                                                17.8
                                                                      22.8
                                                                             24.0
                                                                                   24.7
                                           -1.5
##
   8688
           21.5
                 12.6
                         9.5
                                4.2
                                     -0.4
                                                   9.3
                                                         17.6
                                                               20.7
                                                                      22.7
                                                                             23.1
                                                                                   19.1
##
   8689
           12.6
                  9.8
                         4.6
                               3.0
                                      1.1
                                             6.3
                                                  18.4
                                                         21.4
                                                               25.2
                                                                      24.4
                                                                             21.6
                                                                                   12.8
##
   8690
            7.5
                  3.6
                        -0.1
                                3.5
                                      6.0
                                           16.3
                                                  23.5
                                                         24.0
                                                               22.7
                                                                      18.8
                                                                             11.8
                                                                                    7.1
   8691
                 -2.4
                         3.3
                               6.8
                                     19.6
                                           21.0
                                                  23.8
                                                         22.2
                                                                18.6
                                                                      13.6
                                                                              8.8
##
            0.4
                                                                                    5.9
                  2.5
   8692
            1.9
                        16.5
                              21.0
                                     25.1
                                           25.1
                                                  19.8
                                                         13.7
                                                                 8.3
                                                                       1.4
                                                                              0.8
                                                                                    6.1
##
   8693
            6.3
                 17.6
                        23.5
                              22.4
                                     23.0
                                           17.4
                                                   7.6
                                                          8.3
                                                                -0.5
                                                                       3.8
                                                                            10.4
                                                                                   19.6
##
   8694
           22.8
                 24.3
                        22.8
                              19.8
                                     15.7
                                            12.6
                                                   1.8
                                                          1.7
                                                                 3.5
                                                                       8.4
                                                                            15.0
                                                                                   17.7
##
   8695
          23.3
                 26.0
                        22.2
                              20.6
                                     15.0
                                             8.3
                                                   3.3
                                                                 2.8
                                                                       8.1
                                                                             11.7
                                                                                   19.4
                                                          1.1
   8696
           23.8
                 26.2
                        25.3
                              20.4
                                     10.6
                                             9.8
                                                   5.0
                                                         -0.7
                                                                 3.3
                                                                       8.6
                                                                            13.0
                                                                                   17.3
##
   8697
          21.6
                 25.1
                        25.3
                              18.9
                                     10.7
                                             8.2
                                                   3.7
                                                          5.2
                                                                 3.4
                                                                       8.6
                                                                            12.4
                                                                                   16.2
##
   8698
          23.1
                 24.4
                        23.3
                              20.1
                                     14.7
                                             7.8
                                                                            13.3
                                                                                   17.9
                                                  -1.3
                                                          6.5
                                                                 7.7
                                                                      10.8
                              20.1
  8699
          22.6
                 24.9
                        23.7
                                     15.1
                                            11.2
                                                   6.6
                                                          4.1
                                                                 5.9
                                                                       9.6
                                                                            14.2
                                                                                   20.9
##
   8700
                 25.5
                        23.8
                              20.7
##
          23.1
                                     15.2
                                             8.2
                                                   5.9
                                                          4.2
                                                                 5.3
                                                                       8.1
                                                                            13.0
                                                                                   15.7
  8701
           20.2
                 25.0
                        22.3
                              20.0
                                             7.9
                                                                 2.2
##
                                     13.1
                                                   3.6
                                                          4.1
                                                                       5.6
                                                                            12.4
                                                                                   18.7
## 8702
                 26.8
                        24.9
                                             8.5
                                                         -0.8
                                                                       8.2
           22.2
                              20.3
                                     12.9
                                                   2.3
                                                                 4.1
                                                                            16.1
                                                                                   15.9
           23.9
                                                                 2.7
## 8703
                 25.3
                        23.3
                              19.4
                                     13.6
                                            10.8
                                                          3.6
                                                                      10.1
                                                                             13.8
                                                                                   17.9
                                                   6.1
## 8704
           22.2
                 24.9
                        25.8
                              19.7
                                     14.7
                                             6.2
                                                   1.9
                                                          0.9
                                                                 3.5
                                                                       5.4
                                                                             13.5
                                                                                   18.3
## 8705
           22.5
                 23.4
                        22.9
                              18.9
                                     14.4
                                             5.1
                                                                                   15.5
                                                   4.1
                                                          2.0
                                                                 6.0
                                                                       9.7
                                                                             11.3
## 8706
           20.5
                 24.4
                        22.9
                              19.8
                                     13.3
                                             6.4
                                                   3.5
                                                          5.1
                                                                 5.7
                                                                       7.6
                                                                            13.5
                                                                                   19.5
                 25.2
                              22.9
                                             9.2
## 8707
           23.0
                        24.3
                                     14.7
                                                   6.2
                                                          4.1
                                                                 5.4
                                                                       6.4
                                                                             14.4
                                                                                   17.9
## 8708
           22.3
                 26.2
                        24.1
                              19.0
                                     13.1
                                           11.5
                                                   5.7
                                                                 6.3
                                                                      10.8
                                                                            12.5
                                                                                   19.8
                                                          1.7
                        22.6
## 8709
          23.2
                 22.9
                              18.8
                                     15.1
                                             6.7
                                                  -0.8
                                                          2.7
                                                                 6.0
                                                                       6.3
                                                                            15.1
                                                                                   18.1
## 8710
           22.9
                 23.4
                        24.9
                              19.1
                                     13.7
                                            11.7
                                                   6.6
                                                          5.5
                                                                 4.8
                                                                       8.9
                                                                            14.8
                                                                                   17.7
           23.6 25.5 24.9
                                             7.9
## 8711
                             21.4
                                     14.2
                                                   3.1
                                                          0.5
                                                                 2.0
                                                                       9.6
                                                                            13.6
                                                                                   16.9
```

```
19.2 13.3 11.2
## 8712
          20.8 23.9
                      24.6
                                                 3.2
                                                       1.4
                                                             3.5
                                                                    9.9 14.5
                                                                               21.5
## 8713
          22.4
                24.7
                      22.9
                            20.6
                                  15.2
                                         10.8
                                                 4.1
                                                       4.6
                                                             5.4
                                                                    6.6
                                                                        13.7
                                                                               16.7
               25.4
                            21.7
## 8714
          22.6
                      25.3
                                   15.6
                                          9.9
                                                 2.7
                                                       6.4
                                                             4.1
                                                                   9.2
                                                                        15.9
                                                                               17.4
          22.3
                25.3
                      25.7
                             18.4
                                   12.9
## 8715
                                         10.1
                                                7.2
                                                       5.1
                                                             1.2
                                                                  11.7
                                                                         13.3
                                                                               19.7
## 8716
          23.5
                24.2
                      27.8
                             21.9
                                   17.5
                                          9.0
                                                 6.2
                                                       2.9
                                                             5.3
                                                                    9.4
                                                                        13.8
                                                                               17.8
## 8717
          24.3
                24.4
                      23.4
                            20.9
                                   14.5
                                          7.7
                                                5.4
                                                       2.2
                                                             5.6
                                                                   9.0
                                                                        14.1
                                                                               18.5
          23.3
                22.9
                      24.5
                            20.5
                                   14.0
                                         10.9
                                                 3.2
                                                       0.9
                                                             0.6
                                                                   9.9
                                                                         16.0
## 8718
                                                                               19.9
          25.6
                26.3
                      25.1
                            21.8
                                                                   8.7
## 8719
                                   15.9
                                          8.5
                                                -0.1
                                                       1.5
                                                             6.3
                                                                        15.6
                                                                               18.9
## 8720
          24.4
                26.8
                      25.4
                             20.4
                                   13.8
                                         10.3
                                                 6.7
                                                       5.2
                                                             6.8
                                                                  14.1
                                                                         14.5
                                                                               20.5
## 8721
          22.6
                      24.0
                            20.1
                                          7.2
                                                             4.0
                                                                        14.5
                27.1
                                   14.0
                                                 7.0
                                                       5.4
                                                                   5.7
                                                                               18.0
## 8722
          23.1
                25.0
                      23.1
                            19.8
                                  15.1
                                          6.8
                                                 5.7
                                                      -1.0
                                                             3.1
                                                                    6.5
                                                                        13.6
                                                                               19.7
## 8723
                23.7
                      22.2
                             20.4
          23.7
                                   14.9
                                          6.1
                                                 5.7
                                                       1.9
                                                            -0.7
                                                                   8.3
                                                                        14.1
                                                                               20.4
                      23.7
## 8724
          23.7
                24.7
                             20.8
                                  14.0
                                         11.1
                                                9.8
                                                       0.7
                                                             3.4
                                                                  12.3
                                                                         14.7
                                                                               17.6
## 8725
          23.3
                25.7
                      25.0
                            22.9
                                         10.5
                                                                        16.7
                                  16.4
                                                 4.6
                                                       5.4
                                                             9.4
                                                                   9.0
                                                                               18.6
## 8726
          22.5
                25.7
                      23.6
                            20.2
                                   16.1
                                          8.4
                                                 4.0
                                                       1.0
                                                             7.9
                                                                    6.0
                                                                        12.4
                                                                               22.1
          23.9
## 8727
                24.7
                      24.2
                             22.6
                                   15.7
                                          7.1
                                                 5.0
                                                       2.4
                                                             6.7
                                                                   7.8
                                                                        15.8
                                                                               22.2
## 8728
          22.7
                26.4
                      25.0
                             24.2
                                   16.7
                                          6.8
                                                 6.2
                                                       5.3
                                                             6.6
                                                                  12.4
                                                                        13.2
                                                                               16.9
## 8729
          23.1
                27.7
                      25.2
                            20.1
                                   15.9
                                         11.8
                                                 4.9
                                                       3.4
                                                             3.7
                                                                  10.4
                                                                        14.3
                                                                               18.1
## 8730
          23.8
                25.9
                      26.3
                            21.9
                                   17.9
                                          7.8
                                                9.2
                                                       1.5
                                                            14.2
                                                                  13.8
                                                                        14.6
                                                                               16.1
## 8731
          17.9
                20.0
                      21.3
                            22.6
                                   20.9
                                         17.5
                                                14.6
                                                      14.8
                                                            12.4
                                                                  12.2
                                                                        14.3
                                                                               13.9
                                                                  15.0
## 8732
          17.7
                20.5
                      20.5
                            20.9
                                  20.0
                                         18.9
                                                16.1
                                                      13.1
                                                            13.1
                                                                        14.6
                                                                               15.0
## 8733
          17.1
                19.4
                      21.1
                            20.7
                                   21.0
                                         17.1
                                                17.6
                                                      13.5
                                                            16.7
                                                                  14.5
                                                                         15.9
                            21.7
                                         20.0
## 8734
          17.1
               18.6
                      23.0
                                   20.6
                                                14.9
                                                      13.8
                                                            13.5
                                                                  13.0
                                                                        16.1
                                                                               16.7
## 8735
          19.3
                19.3
                      21.7
                             20.7
                                   22.6
                                         17.5
                                                14.8
                                                      14.1
                                                            14.1
                                                                  14.6
                                                                        14.8
                                                                               15.5
               18.3
                      20.4
                            20.9
                                   19.8
                                         18.4
                                                      15.0
                                                            14.5
                                                                               15.2
## 8736
          17.8
                                                17.7
                                                                  15.0
                                                                        12.7
                                   20.5
## 8737
          18.0
                20.7
                      23.5
                            21.6
                                         18.8
                                                17.5
                                                      14.0
                                                            12.5
                                                                  14.2
                                                                        15.6
## 8738
          16.7
                18.2
                      21.1
                            21.9
                                   20.2
                                         19.0
                                                16.4
                                                      13.3
                                                            13.3
                                                                  13.8
                                                                         15.5
                                                                               17.1
## 8739
                      21.1
                            21.1
                                   20.3
                                         20.6
                                                17.8
                                                            15.6
                                                                  13.5
          17.8
                20.3
                                                      12.7
                                                                         14.2
                                                                               15.7
                      20.2
                            20.5
## 8740
          17.7
                18.3
                                  21.1
                                         18.3
                                                16.4
                                                      13.6
                                                            14.7
                                                                  14.2
                                                                        15.4
                                                                               14.7
## 8741
          16.1
                18.1
                      18.7
                            18.8
                                   19.4
                                         18.7
                                                16.3
                                                      14.5
                                                            15.1
                                                                  13.0
                                                                         14.4
                                                                               16.5
## 8742
          16.9
                17.6
                      20.2
                            19.8
                                   19.4
                                         18.0
                                                15.0
                                                      12.8
                                                            15.2
                                                                  13.9
                                                                         14.0
                                                                               15.4
## 8743
          17.2
                18.5
                      19.2
                             22.4
                                   22.3
                                         20.6
                                                17.0
                                                      13.6
                                                            13.6
                                                                  13.4
                                                                         15.1
                                                                               16.7
                      20.5
                                  21.2
## 8744
          19.2
                20.0
                            20.3
                                         18.7
                                                17.8
                                                      15.0
                                                            16.3
                                                                  15.4
                                                                         16.9
                                                                               17.0
          20.5
                                                                        17.6
## 8745
                19.8
                      22.1
                            21.8
                                  22.8
                                         21.2
                                                18.3
                                                      14.5
                                                            15.1
                                                                  15.8
                                                                               16.5
## 8746
          15.7
                18.4
                      20.7
                             22.1
                                   23.4
                                         22.9
                                                16.8
                                                      14.0
                                                            13.9
                                                                  16.9
                                                                         15.6
                                                                               17.2
## 8747
          16.5
               19.0
                      21.4 20.8
                                  21.2
                                         19.7
                                                17.8
                                                      14.4
                                                            13.1
                                                                  13.7
                                                                         15.5
                                                                               17.0
## 8748
          16.9
                18.8
                      21.4 21.5
                                  21.5
                                         21.2
                                                18.2
                                                      16.2
                                                            16.2
                                                                  14.4
                                                                        14.5
## 8749
          16.7
                18.9
                      22.9
                            23.2
                                   20.6
                                         19.9
                                                18.1
                                                      14.7
                                                            14.2
                                                                  12.0
                                                                         15.3
                                                                               17.0
## 8750
          16.7
                19.1
                      20.8
                            21.4
                                   23.8
                                         21.5
                                                17.7
                                                      14.9
                                                            15.5
                                                                  16.6
                                                                         15.5
                                                                               17.6
                                  23.4
## 8751
          20.8
               21.1
                      21.4
                            23.7
                                         21.9
                                                16.3
                                                      14.6
                                                            14.3
                                                                  -5.5
                                                                         18.8
                                                                               24.3
## 8752
                       7.0
                            16.4
                                  18.3
                                         20.8
                                                18.1
                                                      21.8
                                                             4.1
                                                                  -0.7
          14.5
                 3.1
                                                                          3.5
                                                                                2.7
                                                                          4.9
## 8753
          26.0
                 1.3
                      -1.0
                            11.1
                                   15.5
                                         22.0
                                                22.9
                                                      23.7
                                                            19.1
                                                                  15.5
                                                                                6.0
                            13.5
                                   15.1
                                                25.2
                                                      27.7
                                                            26.5
## 8754
          -2.5
                 6.6
                       7.0
                                         19.8
                                                                  22.4
                                                                         15.9
                                                                               12.9
## 8755
           5.8
                 5.8
                        2.5
                            13.6
                                         20.2
                                                25.8
                                                            27.5
                                                                  23.9
                                  15.2
                                                      27.1
                                                                         19.1
                                                                                9.9
## 8756
          12.7
                 4.4
                        9.4
                             20.7
                                   24.5
                                         27.1
                                                            13.5
                                                12.5
                                                       9.8
                                                                  26.6
                                                                          8.7
                                                                               23.5
## 8757
          14.5
                12.7
                        6.9
                                                      24.2
                                                            17.6
                              5.6
                                   11.0
                                         19.7
                                                26.0
                                                                    2.1
                                                                          5.8
                                                                               20.6
## 8758
          22.6
                21.3
                      16.2
                            13.1
                                   13.3
                                         23.9
                                                25.0
                                                      18.9
                                                            13.1
                                                                  20.0
                                                                         24.4
                                                                               26.4
## 8759
          23.8
                16.2
                      11.9
                             12.5
                                  21.0
                                         25.1
                                                27.6
                                                            21.5
                                                                          5.3
                                                                               22.6
                                                      27.5
                                                                    6.5
## 8760
          26.1
                29.3
                      23.7
                             18.6
                                   11.0
                                          4.3
                                                7.9
                                                      20.4
                                                            26.8
                                                                  25.6
                                                                         15.9
                                                                                4.8
                      20.9
                                          2.3
## 8761
           7.9
                16.1
                             26.0
                                   24.8
                                                3.1
                                                      18.0
                                                            16.7
                                                                    3.1
                                                                         18.7
                                                                               21.1
## 8762
          15.2
                12.4
                       8.8
                              9.8
                                  18.0
                                         25.8
                                                22.1
                                                      15.6
                                                             9.6
                                                                   7.7
                                                                          7.5
                                                                               16.2
## 8763
          25.5
                25.3
                      25.0
                             23.4
                                   17.5
                                          9.3
                                                1.9
                                                       6.3
                                                            21.2
                                                                  25.4
                                                                         25.4
                                                                               23.3
## 8764
           8.2
                 4.7
                        2.3
                            17.7
                                   26.1
                                         24.9
                                               22.5
                                                      17.3
                                                            13.9
                                                                    4.5
                                                                          8.1
                                                                               17.3
          21.0 26.1 27.5 26.8 25.0
                                         20.0 13.2 10.1 20.8
## 8765
                                                                  24.4
                                                                        27.2
                                                                               25.2
```

```
3.1 11.8 14.2 26.2 26.9
## 8766
         21.7 11.9
                                                  26.6 17.4 23.5 27.1
                                                                          26.8
## 8767
         18.4
                9.2
                      9.0
                            9.0 16.1
                                      20.4
                                            27.9
                                                  26.7
                                                        23.0
                                                              18.0
                                                                           6.9
                                                                    13.1
                                      18.9
                                            18.8
                                                                    -1.2
## 8768
          7.0
                9.1
                    12.8 19.2 -11.1
                                                  13.4
                                                         9.4
                                                              -1.3
                                                                          -4.8
                     12.1 16.3 13.2
                                            -0.2
                                                  14.4
## 8769
         -4.8
                6.5
                                      10.8
                                                         5.4
                                                               3.5
                                                                     8.1
                                                                          14.2
## 8770
         18.1 19.1
                     12.5
                            7.2
                                -0.7
                                      -1.7
                                             0.7
                                                   2.0
                                                         2.6
                                                               9.4
                                                                    14.5
                                                                          18.5
## 8771
         21.5 10.8
                      8.4
                            1.2 -14.0
                                       0.5
                                             0.9
                                                  10.3
                                                        14.6
                                                              20.4
                                                                    10.1
                                                                           3.9
          1.3 -10.2 -8.0 -6.8
                                -1.1
                                      13.4
                                            15.3
                                                  15.3
                                                         8.0
                                                               5.5
## 8772
                                                                    -4.5
                                                                           0.7
         -6.3 -2.5
                    -8.0 12.6
                                14.8
                                      19.5
                                            15.1
                                                   4.1
                                                        -4.0
                                                              -3.1
                                                                    -7.4
## 8773
                                                                           8.8
## 8774
         15.6 13.0
                      2.0
                            2.5
                                 -1.7
                                       -1.0
                                             9.9
                                                  14.8
                                                        22.1
                                                               9.1
                                                                    -3.0
                                                                          -7.6
                                                              19.7
         -3.1
                                  6.5
                                       2.2
                                                                           2.0
## 8775
                3.7
                      8.3
                          17.3
                                            -1.0
                                                   9.4
                                                        13.8
                                                                     1.7
## 8776
         11.6 19.0
                      4.5
                            0.3
                                -3.9
                                      -5.5
                                             4.0
                                                  22.8
                                                        18.9
                                                               2.6
                                                                     9.6
                                                                          18.7
## 8777
                3.3
                     -2.4
                          17.4
                                  2.3
                                       2.9
                                             7.5
                                                               2.5
         11.7
                                                  17.3
                                                        17.2
                                                                     8.3
                                                                           0.0
                          -2.9
## 8778
          9.1
              21.5
                      2.0
                                  2.8
                                      10.7
                                            19.5
                                                   4.4
                                                         0.1
                                                              -3.0
                                                                    -9.9
                                                                          10.1
## 8779
         21.3 19.1
                     13.2
                          19.5
                                23.3
                                      19.1
                                            12.9
                                                  19.2
                                                        18.1
                                                              18.2
                                                                    18.2
                                                                          15.1
## 8780
         20.1
               14.2
                      4.3
                            2.1
                                 -0.5
                                      -1.8 -11.3
                                                   4.4
                                                         9.0
                                                              18.7
                                                                    22.9
                                                                          18.3
## 8781
         14.8
                8.5
                      4.3
                          -6.3
                                 -3.3
                                      10.2
                                            10.2
                                                   9.9
                                                        13.6
                                                              12.3
                                                                    14.4
                                                                          15.8
## 8782
         17.1 15.8
                    15.4
                          13.2
                                11.7
                                        9.6
                                            14.6
                                                  10.6
                                                        11.4
                                                              13.8
                                                                    14.8
                                                                          15.8
## 8783
         17.2 18.6
                     16.9
                          13.1
                                 10.4
                                       9.3
                                             9.7
                                                   9.8
                                                        11.3
                                                              11.9
                                                                    14.4
## 8784
         16.3 15.8 16.1 10.9
                                11.1
                                      11.2
                                            10.3
                                                  11.5
                                                        12.9
                                                              13.2
                                                                    14.6
                                                                         17.4
## 8785
         18.2 16.8 17.9
                          13.5
                                 9.3
                                       8.9
                                             8.9
                                                  12.1
                                                        14.1
                                                              14.6
                                                                    16.1
                                                                          16.2
                                                              14.0
## 8786
         17.6 17.4 16.3 13.5
                                  9.9
                                      10.6
                                            11.1
                                                  10.5
                                                         9.1
                                                                    14.9
                                                                          17.7
## 8787
         17.9 18.3
                    16.9
                          14.6
                                  9.7
                                      10.5
                                            13.8
                                                  12.4
                                                        13.2
                                                              14.4
                                                                    16.4
                          14.2
                                            10.6 10.7
## 8788
         18.2 17.7 16.3
                                  9.9
                                      11.8
                                                        12.1
                                                              14.6
                                                                    15.9
                                                                          17.2
         16.9
               17.1
                     15.7
                          14.7
                                11.2
                                      12.2
                                            12.7
                                                  12.4
                                                        11.7
                                                              15.2
                                                                    15.1
                                                                          16.8
## 8789
                                                  10.6
## 8790
         15.7 16.3 14.3
                          13.1
                                  9.5
                                        9.9
                                                       10.3
                                                              12.3
                                                                    14.8
                                             9.8
## 8791
         18.4 17.4 13.2
                          10.4
                                  7.6
                                        9.1
                                            11.7
                                                  13.2
                                                        13.1
                                                              13.7
                                                                    16.2
## 8792
         17.7
              16.9
                    15.8
                          11.5
                                  8.9
                                        8.5
                                            11.7
                                                   9.4
                                                        12.3
                                                              15.3
                                                                    17.8
                                                                          16.6
## 8793
              16.8 16.1 11.3
                                10.7
                                        9.8
                                            10.3
                                                  11.6
                                                        12.2
                                                              12.7
         16.7
                                                                    15.7
                                                                          17.5
                                                         9.9
## 8794
              16.9 15.4
                          12.9
         17.7
                                 9.9
                                      10.1
                                            10.2
                                                  10.2
                                                              13.2
                                                                    15.7
                                                                          16.4
         17.2 16.8 14.5
## 8795
                          12.1
                                10.4
                                      11.4
                                            11.4
                                                  11.3
                                                        10.9
                                                              14.0
                                                                    17.1
                                                                          17.7
## 8796
         18.2 18.5
                     16.8
                          14.9
                                 11.0
                                      10.6
                                            12.6
                                                   9.6
                                                        12.7
                                                              12.9
                                                                    15.9
                                                                          17.2
## 8797
         18.4 17.7
                     15.7
                          15.5
                                13.9
                                      12.4
                                            12.2
                                                  14.3
                                                        12.2
                                                              15.2
                                                                    15.2
                                                                          17.8
                            9.2
## 8798
         18.3 11.2
                      8.5
                                11.6
                                      12.2
                                            16.1
                                                  17.3
                                                        15.7
                                                              18.7
                                                                    16.7
                                                                          12.7
## 8799
         12.3 12.7
                     13.3 11.4
                                13.1
                                      15.0
                                            17.3
                                                  17.4
                                                        17.0
                                                              12.9
                                                                    13.0
                                                                         12.4
## 8800
         12.4 11.7
                     13.1
                          18.1
                                17.7
                                      17.2
                                            14.7
                                                  14.1
                                                        11.6
                                                               9.1
                                                                    12.6
                                                                          11.1
## 8801
         12.8 14.2 15.4
                          16.7
                                17.4 18.3
                                            16.8
                                                  12.3
                                                        10.8
                                                             11.9
                                                                    12.3
                                                                          12.8
## 8802
         12.8 15.5
                    17.0 18.9 20.4
                                      21.1
                                            19.0
                                                  13.5
                                                        12.3
                                                              11.8 11.0
                                                              10.0
## 8803
         12.4 16.3
                    16.3
                          19.7
                                20.2
                                      22.2
                                            15.8
                                                  12.5
                                                        10.3
                                                                    11.5
                                                                          11.0
## 8804
         14.8 14.7
                     17.8
                          20.4
                                17.8
                                      17.7
                                            16.0
                                                  11.9
                                                        11.9
                                                              13.7
                                                                    13.1
                                                                          13.3
                     15.9 17.6 16.0
                                            16.0
                                                  14.2 10.7
## 8805
         13.2 14.0
                                      16.0
                                                              10.2
                                                                    11.3
  8806
         14.1 15.4 15.8
                          16.1
                                17.0
                                      15.6
                                            17.8
                                                  12.9
                                                         9.3
                                                              10.8
                                                                    13.1
                                                               9.6
## 8807
         13.8 13.2 15.8 18.6
                                16.9
                                      16.9
                                            16.2
                                                  12.9
                                                        10.3
                                                                     9.6
                                                                         13.0
## 8808
         15.4 14.2 16.3
                          16.9
                                17.0
                                      16.4
                                            16.7
                                                        12.5
                                                              10.7
                                                  15.1
                                                                    10.0
                                                                          12.0
## 8809
                    15.9 18.0 18.7
                                      17.8
                                            16.8
                                                         9.4
                                                              11.3
         14.9 14.2
                                                  13.6
                                                                    13.1
                                                                          10.2
## 8810
         12.6 12.2 14.6 17.6
                                17.5
                                      17.5
                                            16.1
                                                  14.1
                                                        11.4
                                                              11.4
                                                                    14.1
                          18.2
                                 18.2
                                      17.8
                                            17.2
                                                  14.1
                                                        10.2
## 8811
         15.7 16.3
                    16.4
                                                              11.4
                                                                    11.7
                                                                          14.2
## 8812
         14.4 15.9
                     17.2
                          17.7
                                 18.3
                                      17.2
                                            17.0
                                                  14.1
                                                        11.0
                                                              11.7
                                                                    11.1
                                                                          13.6
## 8813
         13.2 14.4
                    15.6
                          16.4
                                17.5
                                            15.7
                                                                    13.9
                                                                          12.9
                                      17.1
                                                  10.1
                                                        10.1
                                                              11.0
## 8814
         12.7
               13.9 15.3 17.8 17.2
                                      17.0
                                            17.1
                                                  15.2
                                                        11.9
                                                              11.4
                                                                    13.8
                                                                         13.0
## 8815
         15.7
               15.7
                     16.1
                          17.1
                                17.1
                                      16.4
                                            15.5
                                                  13.6
                                                        11.8
                                                              11.2
                                                                    10.7
                                                                          13.1
                                                                          14.8
## 8816
         13.3
              17.1
                     16.6 17.6
                                19.4
                                      20.3
                                            16.9
                                                  14.8
                                                        10.1
                                                              11.1
                                                                    12.3
                    16.0 17.7
                                                         8.8 10.5 10.2
## 8817
         13.4 13.9
                                18.7
                                      17.7
                                            14.8
                                                  11.9
                                                                           9.7
## 8818
         10.5 12.8 14.3 16.7
                                 16.4 16.1 16.5 13.3 11.7 11.6 11.8 12.1
         13.9 14.9 16.9 16.3 17.1 17.9 15.1 10.9 12.1
## 8819
                                                               9.5
                                                                   10.3 12.9
```

```
## 8820
          11.5 16.3 16.9 17.5 16.8 17.2 15.9 13.6 10.1
                                                                     9.0
                                                                          12.0
## 8821
          13.2
               13.4
                       15.4
                              17.3
                                    16.6
                                          17.0
                                                 14.2
                                                       14.8
                                                              11.2
                                                                   13.6
                                                                           11.4
                                                                                 12.7
                             17.5
## 8822
          12.3
                 14.8
                       16.2
                                    18.1
                                          17.3
                                                 16.9
                                                        12.2
                                                              10.7
                                                                     9.8
                                                                           10.2
## 8823
          13.9
                 15.0
                       15.8
                             17.6
                                    18.1
                                          18.2
                                                 14.9
                                                        11.7
                                                              10.8
                                                                    11.5
                                                                           12.4
                                                                                  13.2
##
  8824
          12.7
                 15.6
                       15.7
                              17.3
                                    17.6
                                          16.3
                                                 15.7
                                                        14.9
                                                              12.2
                                                                    10.9
                                                                           11.8
                                                                                   9.8
  8825
          13.6
                15.5
                       17.6
                             19.6
                                    18.4
                                          18.6
                                                 16.7
                                                        16.0
                                                              12.2
                                                                    10.6
                                                                          13.0
                                                                                 15.2
##
                       16.0
                             14.2
                                    18.2
                                                 16.5
                                                        14.2
                                                              10.5
                                                                    10.8
  8826
          15.0
                15.0
                                          18.0
                                                                           11.6
                             14.2
                                                 17.2
                                                       15.8
## 8827
          12.1
                14.1
                       16.7
                                    17.8
                                          15.0
                                                               9.5
                                                                    11.8
                                                                           10.3
                                                                                  11.6
##
  8828
          12.7
                 15.2
                       16.4
                              16.7
                                    17.7
                                           17.7
                                                 16.5
                                                       13.6
                                                              10.4
                                                                    11.6
                                                                           11.5
                                                                                  12.0
                       14.5
                              15.6
                                    13.6
##
  8829
          12.4
                 13.7
                                          17.2
                                                 16.0
                                                        12.2
                                                              11.7
                                                                    11.8
                                                                            9.9
                                                                                  12.4
   8830
          13.3
                 13.9
                       15.5
                              17.7
                                    17.2
                                          17.8
                                                 17.4
                                                        12.7
                                                              10.0
                                                                    11.5
                                                                           11.8
                                                                                 11.9
  8831
          13.7
                 14.4
                       15.9
                              17.1
                                    17.7
                                           17.2
                                                 15.7
                                                        15.1
                                                              10.7
                                                                     9.8
                                                                           10.2
##
                                                                                 13.6
##
   8832
          14.5
                13.5
                       17.6
                              18.6
                                    18.3
                                          18.9
                                                 16.1
                                                        15.1
                                                              11.7
                                                                    14.8
                                                                           12.1
                                                                                  15.6
   8833
                       17.2
                              20.3
                                    20.2
                                          19.9
                                                 20.3
                                                        16.6
                                                              14.0
                                                                    12.9
##
          13.1
                 17.8
                                                                           14.8
                                                                                 15.2
   8834
          14.2
                14.3
                       16.6
                              19.3
                                    19.7
                                           20.6
                                                 19.1
                                                        13.4
                                                              10.4
                                                                    12.3
                                                                           14.6
                                                                                  14.2
##
##
   8835
          15.2
                14.3
                       15.9
                              15.9
                                    15.6
                                           16.6
                                                 16.0
                                                        13.0
                                                              10.2
                                                                    10.1
                                                                           11.9
                                                                                  13.3
   8836
          13.9
                14.1
                       15.4
                              16.7
                                    17.4
                                          18.9
                                                 15.9
                                                        14.1
                                                              11.6
                                                                    13.3
                                                                           11.5
                                                                                  12.3
##
##
   8837
          14.0
                14.0
                       15.6
                              18.3
                                    18.1
                                           16.6
                                                 17.5
                                                        15.0
                                                              12.2
                                                                    12.7
                                                                            9.9
                                                                                  13.2
                                                                    10.9
  8838
               15.6
                       17.8
                             17.8
                                    15.1
                                          19.8
                                                 17.5
                                                        14.1
                                                              12.5
                                                                           12.8
##
          15.2
                                                                                 12.0
##
  8839
          13.8
                 16.7
                       14.6
                              17.7
                                    16.2
                                           18.7
                                                 19.3
                                                        12.0
                                                              11.0
                                                                     11.3
                                                                            3.6
                                                                                  6.8
                                           15.0
                                                                     5.2
##
  8840
          16.1
                21.0
                       19.5
                              15.8
                                    16.1
                                                 14.2
                                                        11.1
                                                               2.3
                                                                           25.9
                                                                                 25.4
  8841
          22.3
                 15.3
                        8.2
                               5.2
                                     8.9
                                           25.5
                                                  8.1
                                                        16.2
                                                              25.8
                                                                    22.9
                                                                           13.6
                                                                                  17.1
                                           -0.5
## 8842
          27.3
                 24.7
                        3.1
                              18.9
                                     0.3
                                                 -8.4
                                                         5.4
                                                              10.8
                                                                    22.3
                                                                           24.7
                                                                                  21.3
  8843
          18.0
                  9.3
                        5.1
                              -2.5
                                            6.3
                                                  6.4
                                                         7.1
                                                              16.0
                                                                    19.0
                                                                           23.8
                                                                                  25.9
##
                                    -2.1
                20.7
                                     5.7
          25.3
                       14.4
                                            2.9
                                                              13.2
                                                                                  25.0
## 8844
                             11.4
                                                  7.3
                                                        11.7
                                                                    21.0
                                                                           23.8
  8845
          24.5
                 21.4
                       16.1
                               8.5
                                     1.1
                                            1.9
                                                  7.1
                                                         7.8
                                                              14.4
                                                                    19.6
                                                                           22.7
                                                                                  24.6
##
  8846
          23.7
                 19.5
                       12.1
                              10.0
                                     4.2
                                            4.8
                                                  4.8
                                                        10.0
                                                              13.5
                                                                    18.0
                                                                           22.4
                                                                                  24.8
                       16.6
##
   8847
          25.6
                 21.3
                               7.8
                                     1.5
                                            0.7
                                                 -1.0
                                                        11.9
                                                              13.7
                                                                    19.4
                                                                           22.2
                                                                                  22.7
                                                                    21.5
##
   8848
          20.7
                 20.7
                       14.6
                               9.0
                                     3.5
                                            2.9
                                                  4.6
                                                         7.8
                                                              12.4
                                                                           20.9
                                                                                  21.8
##
   8849
          21.7
                 21.2
                       13.4
                              11.4
                                     2.6
                                            5.6
                                                  6.5
                                                         8.7
                                                              13.0
                                                                    14.6
                                                                           23.4
                                                                                  25.0
##
  8850
          25.5
                 23.4
                       16.2
                               9.9
                                     3.2
                                            7.4
                                                  4.4
                                                        10.1
                                                              17.5
                                                                    18.6
                                                                           23.3
                                                                                  26.3
##
   8851
          26.9
                 19.2
                       13.2
                               8.8
                                     6.8
                                            5.0
                                                  3.4
                                                        13.8
                                                              13.5
                                                                     20.9
                                                                           23.8
                                                                                  24.4
                                            2.9
##
   8852
          28.1
                 23.2
                       18.3
                               8.9
                                     7.4
                                                  5.9
                                                         9.6
                                                              15.2
                                                                    19.0
                                                                           24.7
                                                                                  24.6
                                                                           24.3
   8853
          24.8
                 22.2
                       15.0
                               7.1
                                     5.5
                                            2.1
                                                  5.8
                                                        10.6
                                                              14.6
                                                                    19.4
                                                                                  23.4
##
   8854
          24.1
                 21.5
                       13.8
                              10.0
                                     4.0
                                            1.3
                                                  1.6
                                                         8.5
                                                              16.7
                                                                     21.3
                                                                           26.4
                                                                                  27.2
##
                              10.1
   8855
          27.2
                22.5
                       15.4
                                     0.6
                                            2.1
                                                        11.3
                                                              16.8
                                                                    19.8
                                                                           25.4
                                                                                  27.3
##
                                                  7.0
##
   8856
          26.4
                20.8
                       14.5
                              10.7
                                     7.2
                                            5.8
                                                  7.8
                                                        15.9
                                                              16.5
                                                                    22.1
                                                                           24.4
                                                                                  27.5
##
   8857
          24.7
                 21.4
                       14.3
                               8.3
                                     7.9
                                            5.6
                                                  5.4
                                                         6.8
                                                              14.8
                                                                    19.2
                                                                           24.3
                                                                                  24.6
   8858
          24.8
                 22.1
                       16.2
                               7.7
                                     5.8
                                           -0.7
                                                  5.3
                                                         9.1
                                                              16.3
                                                                     20.6
                                                                           24.7
                                                                                  24.2
##
                                     6.6
   8859
          25.2
                23.1
                       16.0
                               6.7
                                            2.8
                                                 -0.1
                                                        10.8
                                                              16.3
                                                                    21.4
                                                                           25.4
                                                                                  25.4
##
   8860
                 21.9
                       15.7
                              11.9
                                    11.3
                                            1.8
                                                  5.9
                                                        13.0
                                                                           25.3
          24.2
                                                              16.4
                                                                    19.3
                                                              18.2
  8861
          26.8
                24.5
                       18.7
                              11.7
                                     5.8
                                            8.3
                                                  9.7
                                                        11.2
                                                                    20.0
                                                                           22.9
                                                                                  25.6
##
                       16.5
##
   8862
          24.1
                 20.8
                              10.3
                                     4.9
                                            0.9
                                                 10.2
                                                         9.2
                                                              12.9
                                                                     22.8
                                                                           24.6
                                                                                  25.7
                       16.5
                               7.4
                                     6.4
                                                              16.9
##
   8863
          24.5
                 24.0
                                            5.0
                                                  9.0
                                                         9.5
                                                                     22.7
                                                                           23.9
                                                                                  26.5
                               7.9
                                            6.9
   8864
          26.2
                 26.1
                       17.6
                                     8.1
                                                  9.1
                                                        12.0
                                                              18.0
                                                                     22.5
                                                                           26.8
                       20.9
                              14.2
  8865
          28.9
                 24.0
                                     9.2
                                            6.8
                                                  9.3
                                                        13.2
                                                              21.2
                                                                     26.6
                                                                           29.8
                                                                                  28.4
##
##
   8866
          24.3
                 18.7
                       13.8
                               8.2
                                     6.6
                                            6.5
                                                 15.1
                                                        22.5
                                                              25.9
                                                                     29.1
                                                                           30.0
                                                                                  25.3
   8867
                 12.7
                        9.2
                               6.0
                                     8.9
                                                 20.9
                                                                           25.0
##
          19.2
                                           12.3
                                                        25.2
                                                              28.6
                                                                    29.3
                                                                                  19.6
                                                                                  12.6
##
  8868
          14.1
                  1.5
                        3.8
                              10.4
                                    13.4
                                          23.3
                                                 27.8
                                                        29.7
                                                              29.6
                                                                    24.2
                                                                           19.2
                        7.1
                                                              25.2
##
  8869
          11.3
                  3.1
                              15.8
                                    23.3
                                           26.8
                                                 29.0
                                                        30.8
                                                                    19.5
                                                                           13.7
                                                                                   5.4
   8870
           9.4
                 10.6
                       15.7
                              19.6
                                    21.9
                                          27.1
                                                 30.2
                                                        28.3
                                                              26.7
                                                                     18.9
                                                                                  7.8
##
                                                                           11.1
## 8871
           6.7
                 10.6
                       12.2
                             18.3
                                    23.9
                                          26.4
                                                 28.5
                                                        30.3
                                                              25.0
                                                                    19.4
                                                                           13.2
                                                                                  8.5
## 8872
           5.7
                  8.4
                       13.3
                             18.1
                                    22.7
                                          26.9
                                                 29.6
                                                       31.1
                                                              26.2
                                                                    18.7
                                                                           14.5
                                                                                   9.8
## 8873
          10.0
                  5.7 13.7 19.1
                                    23.5
                                          25.5
                                                 28.2
                                                       27.9
                                                              23.7
                                                                    20.6
                                                                          14.6
                                                                                   3.9
```

```
## 8874
           11.0 12.2 14.3 17.8 23.0
                                           28.9
                                                  28.1
                                                        29.2
                                                              26.7
                                                                    19.1
                                                                           15.4
           6.0
                12.1
                       15.4
                              19.7
                                    24.1
                                           27.2
                                                  29.4
                                                        28.1
                                                              24.0
                                                                     20.1
                                                                            10.9
                                                                                  10.2
## 8875
                              18.9
## 8876
                 12.4
                       15.1
                                    21.7
                                           26.3
                                                  29.1
                                                        26.8
                                                              25.4
                                                                     20.8
                                                                            11.5
                                                                                   9.9
                                    22.2
                                                        30.8
## 8877
           7.3
                  9.4
                       13.4
                              17.4
                                           27.6
                                                  30.7
                                                              25.7
                                                                     17.7
                                                                            10.9
                                                                                   9.7
## 8878
           7.6
                  9.2
                       15.0
                              18.8
                                    21.9
                                           28.9
                                                  28.8
                                                        28.9
                                                               24.6
                                                                     19.6
                                                                            14.4
                                                                                   9.4
  8879
           8.9
                 11.4
                       13.8
                             17.9
                                    22.8
                                           26.6
                                                  29.7
                                                        29.7
                                                               24.8
                                                                     19.8
                                                                            12.7
##
                                                                                   8.6
                       11.8
                             17.9
                                    26.5
                                                  30.1
                                                        28.1
                                                               23.6
                                                                     19.4
   8880
           6.2
                 11.2
                                           28.1
                                                                            12.7
                                                                                   9.6
                       14.6
                                    21.1
                                           25.9
                                                  29.4
                                                        28.4
                                                                                   7.6
## 8881
           6.7
                  9.7
                              15.8
                                                              26.8
                                                                     19.6
                                                                            11.2
##
   8882
           9.1
                 10.6
                       12.8
                              17.1
                                     25.7
                                           29.7
                                                  33.4
                                                        31.3
                                                              29.2
                                                                     21.5
                                                                            14.8
                                                                                   8.7
          10.0
                              19.2
                                    22.7
                                                  29.8
                                                              25.7
##
   8883
                 13.7
                       12.7
                                           27.8
                                                        32.0
                                                                     20.4
                                                                            17.0
                                                                                  10.3
   8884
           9.7
                 13.5
                       15.2
                              17.9
                                     24.8
                                           27.0
                                                  30.6
                                                        30.5
                                                               26.9
                                                                     21.2
                                                                             9.9
                                                                                   4.3
                              20.3
                                           27.5
  8885
           6.3
                 10.2
                       11.1
                                    24.4
                                                  31.3
                                                        30.0
                                                               23.7
                                                                     18.5
                                                                                   9.8
##
                                                                            15.5
                       13.0
##
   8886
           9.1
                  8.5
                              20.6
                                    22.5
                                           26.9
                                                  28.7
                                                        29.6
                                                               22.8
                                                                     17.4
                                                                            12.2
                                                                                   8.9
   8887
           6.4
                       13.1
                              19.3
                                    24.4
                                           26.0
                                                  30.5
                                                               23.5
                                                                     19.1
##
                  7.4
                                                        30.1
                                                                            14.8
                                                                                   9.7
   8888
           9.1
                  7.4
                       16.2
                              18.8
                                    23.3
                                           24.2
                                                  27.9
                                                        26.9
                                                               25.5
                                                                     21.8
                                                                            13.5
                                                                                   9.4
##
##
   8889
           9.7
                 11.2
                       13.6
                              18.5
                                     22.8
                                           28.7
                                                  29.0
                                                        30.4
                                                               28.7
                                                                     20.5
                                                                            16.0
                                                                                   9.0
   8890
          12.0
                  9.0
                       16.2
                              22.2
                                    24.5
                                           28.3
                                                  30.6
                                                              24.2
                                                                     19.1
                                                                                  10.0
##
                                                        31.8
                                                                            13.4
##
   8891
           5.1
                  9.1
                       17.7
                              16.6
                                    23.6
                                           25.9
                                                  26.8
                                                        31.0
                                                              26.1
                                                                     20.5
                                                                            15.0
                                                                                   9.9
           6.9
                                                  30.9
                                                        30.4
   8892
                 10.7
                       16.0
                              18.5
                                    23.8
                                           29.3
                                                              23.8
                                                                     19.3
                                                                            13.9
##
                                                                                   9.5
##
   8893
           7.7
                 13.1
                       14.9
                              18.2
                                    22.5
                                           28.6
                                                  29.7
                                                        29.6
                                                               24.1
                                                                     16.9
                                                                            15.3
                                                                                   5.9
                       12.8
                                                                     19.8
##
   8894
           6.4
                  5.6
                              18.5
                                    24.2
                                           29.8
                                                  29.4
                                                        31.4
                                                              26.0
                                                                            14.0
                                                                                   9.1
   8895
           5.7
                  9.5
                       16.1
                              21.4
                                    22.3
                                           30.5
                                                  32.8
                                                        33.8
                                                               26.1
                                                                     19.3
                                                                            13.7
                                                                                   7.9
           9.6
                 10.6
                       17.2
                              20.8
                                    25.1
                                           28.6
                                                  30.7
                                                        29.6
                                                              25.9
                                                                     18.6
                                                                            15.0
##
  8896
                                                                                  10.1
   8897
                  9.7
                       13.0
                              16.5
                                    22.1
                                           27.7
                                                  28.8
                                                        30.5
                                                               27.2
                                                                     18.6
                                                                            10.5
##
           8.9
                                                                                   6.2
           7.4
                  8.0
                       12.8
                              18.8
                                    23.4
                                           27.8
                                                  29.1
                                                              27.0
                                                                     22.5
                                                                            11.9
##
  8898
                                                        30.7
                                                                                  10.7
   8899
           7.5
                  8.0
                       13.0
                              18.5
                                    21.5
                                           27.4
                                                  30.0
                                                        31.1
                                                               28.3
                                                                     20.3
                                                                            14.6
                                                                                  11.9
##
  8900
           7.2
                 11.9
                       16.5
                              18.7
                                    21.2
                                           28.8
                                                  29.9
                                                        29.9
                                                              27.2
                                                                     23.1
                                                                            17.2
                                                                                   9.7
   8901
                       18.6
                              20.4
                                    24.1
                                           27.7
                                                  30.2
                                                               26.6
                                                                     20.7
##
          10.5
                 15.6
                                                        28.4
                                                                            16.6
                                                                                   9.5
                                           30.2
                                                               25.0
  8902
           7.5
                 10.1
                       17.4
                              16.1
                                    27.3
                                                  30.6
                                                        29.0
                                                                     17.7
                                                                            11.0
                                                                                   9.2
##
##
   8903
           7.5
                  9.7
                       12.1
                              18.3
                                    22.4
                                           26.2
                                                  28.5
                                                        30.4
                                                               29.3
                                                                     18.0
                                                                            11.3
                                                                                   9.5
                                           27.0
## 8904
           10.0
                  9.1
                       16.6
                              17.2
                                    22.8
                                                  29.3
                                                        30.2
                                                               23.3
                                                                     18.1
                                                                            15.4
                                                                                   9.2
##
   8905
           8.0
                  5.3
                       15.4
                              18.0
                                    21.3
                                           26.8
                                                  28.7
                                                        28.6
                                                              27.0
                                                                     21.8
                                                                            14.2
                                                                                  15.9
##
   8906
           7.4
                  8.8
                         2.6
                               0.9
                                     8.7
                                           12.4
                                                  20.3
                                                        22.7
                                                               20.0
                                                                     15.3
                                                                             8.7
                                                                                   6.3
                                                                                  -6.3
  8907
                  1.4
                       -1.2
                               4.5
                                    17.2
                                           22.5
                                                  23.3
                                                        21.1
                                                               14.3
                                                                      8.4
                                                                             3.1
##
           1.3
## 8908
           0.9
                 10.2
                       14.7
                              24.7
                                     22.7
                                           17.8
                                                   9.5
                                                        -5.8
                                                              -1.1
                                                                      8.5
                                                                            13.3
                                                                                  20.3
## 8909
          23.7
                 22.5
                       16.7
                              10.0
                                     4.1
                                            2.2
                                                  16.2
                                                        18.4
                                                              23.4
                                                                     21.5
                                                                            17.5
                                                                                   8.4
## 8910
          -3.7
                 -2.5
                         9.6
                              13.7
                                    21.9
                                           23.7
                                                  21.3
                                                        18.3
                                                               11.1
                                                                      1.9
                                                                            -2.2
                                                                                  21.2
## 8911
          -2.4
                  1.1
                       11.8
                              23.8
                                    22.5
                                           17.4
                                                  10.9
                                                         4.8
                                                               -8.1
                                                                     -1.3
                                                                             8.6
                                                                                  15.2
## 8912
          23.3
                 24.2
                       21.1
                              17.8
                                     3.1
                                           -2.8
                                                   1.8
                                                         9.5
                                                               21.1
                                                                     24.5
                                                                            20.8
                                                                                  11.1
                 -1.3
                                           22.4
                                                               18.9
## 8913
           2.5
                         2.3
                              10.0
                                    12.8
                                                  21.8
                                                        22.0
                                                                     12.5
                                                                             2.5
                                                                                  -4.0
## 8914
           0.4
                  9.4
                       14.2
                              22.6
                                    24.0
                                           17.0
                                                  13.0
                                                         5.5
                                                               -1.2
                                                                      4.5
                                                                             9.9
                                                                                  14.2
                                                                             0.5
## 8915
          21.4
                17.3
                        9.3
                              -1.1
                                     1.1
                                           10.9
                                                  22.8
                                                        24.9
                                                              22.6
                                                                     18.9
                                                                                  -4.7
                 19.3
                                           -4.4
## 8916
          -1.2
                       23.6
                              23.2
                                    19.3
                                                  -0.3
                                                        10.5
                                                               17.3
                                                                     21.7
                                                                            23.5
                                                                                  24.4
                 10.4
                         4.4
                              -4.3
                                    -2.6
                                                   0.4
                                                                8.6
                                                                     14.2
                                                                                  23.7
## 8917
          17.0
                                            3.1
                                                         3.8
                                                                            18.2
## 8918
                         8.5
          20.8
                 16.0
                               2.3
                                    -1.9
                                           -4.0
                                                   1.2
                                                         6.1
                                                                8.6
                                                                     13.9
                                                                            17.6
                                                                                  24.6
                               2.8
                                    -2.0
                                           -4.1
## 8919
          20.4
                 15.3
                         8.6
                                                   1.4
                                                         2.5
                                                                5.8
                                                                     13.9
                                                                            16.4
                                                                                  21.6
## 8920
          20.4
                 15.5
                         8.8
                               4.3
                                    -5.5
                                           -2.0
                                                   0.3
                                                         1.5
                                                                7.8
                                                                     13.9
                                                                            17.4
                                                                                  22.6
## 8921
                17.3
                         7.1
                               2.8
                                    -4.4
                                            2.2
                                                                            15.7
                                                                                  20.5
          21.6
                                                   3.5
                                                         5.2
                                                                8.6
                                                                     11.4
## 8922
          20.5
                 15.4
                         9.8
                               0.6
                                    -1.4
                                           -0.4
                                                  -0.6
                                                         4.1
                                                                5.8
                                                                     11.6
                                                                            15.5
                                                                                  19.2
                 17.6
## 8923
          21.5
                         9.1
                               2.4
                                    -1.8
                                            0.1
                                                   1.2
                                                         3.7
                                                                9.6
                                                                     12.8
                                                                            15.7
                                                                                  22.7
                                    -0.4
## 8924
          21.9
                 16.7
                         9.5
                               3.8
                                           -2.1
                                                   2.1
                                                                8.7
                                                                     14.4
                                                                            17.4
                                                                                  23.6
                                                         5.1
## 8925
          22.3
                17.2
                         7.4
                               2.6
                                    -3.5
                                            0.2
                                                  -1.6
                                                         4.3
                                                                9.1
                                                                     14.8
                                                                           16.5
                                                                                  24.3
## 8926
          22.4 17.0
                       12.2
                               2.4
                                     0.5
                                            0.4
                                                   4.5
                                                         7.4
                                                                9.1
                                                                     16.4
                                                                            22.5
                                                                                  24.1
                                                   3.3
## 8927
          22.4 15.0
                       12.4
                               1.7
                                    -0.4
                                            0.7
                                                         5.7
                                                              12.6
                                                                    15.5 18.9
                                                                                  20.9
```

```
## 8928
           21.7 15.6
                         9.9
                                7.1
                                     -3.2
                                            -4.7
                                                  -1.5
                                                           4.7
                                                                 8.6
                                                                      14.4
                                                                             18.5
                                                                                    24.2
## 8929
           23.3
                 16.6
                         8.6
                                     -2.9
                                             1.9
                                                    0.3
                                                                 8.7
                                                                       17.0
                                                                             17.8
                                                                                    23.2
                                3.1
                                                           3.9
                                                                             18.6
## 8930
           21.7
                 15.5
                         8.9
                                3.6
                                      0.0
                                            -0.6
                                                   -3.9
                                                           1.5
                                                                 9.6
                                                                       15.7
                                                                                    21.3
   8931
           22.0
                                             2.5
                                                          3.8
##
                 15.5
                         5.7
                                2.5
                                      0.8
                                                    2.4
                                                                 9.5
                                                                       13.8
                                                                             17.0
                                                                                    21.8
##
   8932
           22.3
                 17.3
                         9.1
                                3.9
                                      0.9
                                             2.0
                                                   -0.1
                                                          5.3
                                                                10.2
                                                                       14.5
                                                                             22.4
                                                                                    25.8
  8933
           21.7
                 16.5
                         9.6
                                5.6
                                     -0.6
                                            -0.6
                                                   25.1
                                                         16.6
                                                                11.9
                                                                       11.2
                                                                             26.2
                                                                                    19.6
##
            5.2
                        14.7
                               19.6
                                            25.8
                                                   27.0
                                                         23.1
                                                                18.2
                                                                        8.6
   8934
                   1.3
                                     24.7
                                                                             11.9
                                                                                     3.1
            2.6
                         9.0
                                            23.9
                                                   17.5
                                                         11.2
## 8935
                  5.1
                              14.0
                                     17.4
                                                                 0.9
                                                                        3.1
                                                                              4.2
                                                                                    12.1
                 23.5
##
   8936
           20.5
                        22.1
                               19.5
                                      9.6
                                             4.9
                                                    0.2
                                                         -1.2
                                                                 2.8
                                                                        3.8
                                                                             14.5
                                                                                    23.9
                                2.2
                                                           5.2
                                                                                    22.4
##
   8937
           21.7
                 19.1
                        13.3
                                      0.7
                                             4.1
                                                    3.6
                                                                 8.4
                                                                        9.9
                                                                             14.3
   8938
           20.1
                 19.5
                         9.7
                                7.5
                                      1.4
                                             2.2
                                                    3.7
                                                          4.7
                                                                10.6
                                                                       15.3
                                                                             15.6
                                                                                    22.3
   8939
                 15.1
                        10.0
                                5.7
                                      0.8
                                            -0.4
                                                    1.2
                                                          6.1
                                                                12.7
                                                                       18.7
                                                                             19.9
                                                                                    22.7
##
           18.7
##
   8940
           16.8
                 11.5
                         4.3
                                1.8
                                      7.3
                                            13.1
                                                    3.4
                                                         20.0
                                                                24.6
                                                                        9.8
                                                                             -1.1
                                                                                    18.7
   8941
           -0.1
                  5.3
                        19.4
                               10.3
                                      4.7
                                             4.9
                                                   17.4
                                                         17.3
                                                                12.5
##
                                                                        1.5
                                                                             20.9
                                                                                    10.8
   8942
           10.0
                 16.4
                        19.7
                               12.2
                                     19.6
                                             1.1
                                                   10.8
                                                         26.1
                                                                19.7
                                                                       12.6
                                                                             24.0
                                                                                    18.3
##
                               17.1
##
   8943
            5.4
                 19.7
                        22.9
                                     10.5
                                            -1.1
                                                    8.0
                                                         19.5
                                                                24.8
                                                                        9.9
                                                                              9.9
                                                                                    19.0
   8944
           24.7
                 17.3
                         6.0
                              11.5
                                     19.9
                                            17.0
                                                    3.8
                                                         12.0
                                                                19.4
                                                                       24.2
                                                                             20.9
                                                                                     4.4
##
##
   8945
            1.3
                   3.0
                         8.8
                               10.3
                                     21.3
                                            26.7
                                                   27.7
                                                         23.4
                                                                15.7
                                                                       10.5
                                                                             14.8
                                                                                    23.1
                                                                23.4
                                                                       28.1
                                                                             25.5
   8946
           27.8
                 29.5
                        27.8
                               27.3
                                     23.6
                                            18.0
                                                   12.7
                                                         21.0
                                                                                    18.0
##
##
  8947
            9.4
                 19.3
                        28.7
                               30.6
                                     25.9
                                            19.7
                                                   13.2
                                                         11.6
                                                                10.9
                                                                       13.5
                                                                             15.8
                                                                                    19.1
                 25.8
##
   8948
           24.9
                        30.3
                               32.2
                                     28.0
                                            22.1
                                                   14.9
                                                         13.2
                                                                12.2
                                                                       10.7
                                                                             20.4
                                                                                    18.6
   8949
           23.3
                 26.4
                        28.9
                               29.3
                                     25.7
                                            22.1
                                                   17.0
                                                         12.7
                                                                10.2
                                                                        7.4
                                                                             18.2
  8950
           21.9
                 26.8
                        27.1
                              27.9
                                     26.4
                                            22.1
                                                   15.0
                                                         16.8
                                                                 8.9
                                                                       -0.6
                                                                             13.0
                                                                                    17.8
##
   8951
            2.0
                  2.7
                         3.3
                              12.3
                                     19.2
                                             5.6
                                                   -1.8
                                                         -5.2
                                                                11.6
                                                                       23.4
                                                                                     9.6
##
                                                                               9.6
                                            19.8
                                                                17.2
                                                                        4.1
                 24.8
                        20.6
                                      5.4
                                                   24.5
##
   8952
           15.7
                               13.5
                                                           1.9
                                                                              9.0
                                                                                    14.9
   8953
           21.7
                 25.7
                        24.2
                               18.9
                                     14.3
                                            10.1
                                                    0.6
                                                          8.7
                                                                 6.3
                                                                       10.7
                                                                             19.1
                                                                                    23.6
##
   8954
           26.8
                 20.8
                        15.1
                               11.6
                                      7.4
                                             3.8
                                                   20.0
                                                         24.7
                                                                25.9
                                                                       10.7
                                                                               5.5
                                                                                     8.5
   8955
                        26.7
                                      9.5
                                             3.6
                                                                -8.6
##
           15.9
                 19.3
                               24.9
                                                   17.1
                                                          6.9
                                                                       19.2
                                                                               1.6
                                                                                    -5.5
            7.5
                                                                21.3
   8956
                  8.5
                        14.1
                              15.0
                                     18.3
                                            24.1
                                                   27.2
                                                         26.1
                                                                       17.3
                                                                             12.9
                                                                                     6.2
##
##
   8957
            5.3
                   6.1
                        12.8
                               15.2
                                     19.3
                                            23.3
                                                   25.1
                                                         24.9
                                                                21.3
                                                                       17.2
                                                                               8.8
                                                                                    10.7
##
   8958
            4.5
                 24.6
                        23.2
                               18.3
                                     19.3
                                            23.1
                                                   31.7
                                                         13.4
                                                                13.5
                                                                       19.9
                                                                             28.7
                                                                                    26.7
##
   8959
           25.0
                 13.7
                         6.7
                               10.4
                                     29.9
                                            23.3
                                                    9.9
                                                          7.2
                                                                19.7
                                                                       27.4
                                                                             29.8
                                                                                    27.0
##
   8960
           11.4
                  8.7
                         8.3
                                8.9
                                     31.8
                                            14.2
                                                    6.8
                                                           7.0
                                                                 6.5
                                                                       18.1
                                                                             23.9
                                                                                    28.8
   8961
           28.0
                 26.7
                        25.7
                               20.4
                                     12.9
                                            12.9
                                                    6.5
                                                          0.0
                                                                 2.1
                                                                        6.0
                                                                             13.9
                                                                                    19.8
##
   8962
           23.2
                 24.7
                        25.0
                               21.4
                                     15.2
                                             7.1
                                                    3.5
                                                           1.7
                                                                 2.0
                                                                        0.7
                                                                             14.7
                                                                                    16.4
##
   8963
           22.3
                 23.8
                        24.2
                              19.7
                                     12.9
                                             7.4
                                                   -2.5
                                                         -3.2
                                                                 2.4
                                                                        6.8
                                                                              9.9
                                                                                    15.6
##
   8964
           21.3
                 24.2
                        23.2
                               22.1
                                     13.2
                                             8.8
                                                    1.0
                                                           0.0
                                                                -0.1
                                                                        5.0
                                                                             11.6
                                                                                    17.9
   8965
           21.4
                 21.7
                        22.0
                              17.0
                                     13.4
                                             5.7
                                                   -1.0
                                                         -1.5
                                                                -0.6
                                                                        6.6
                                                                             12.1
                                                                                    16.0
##
   8966
           21.0
                 23.1
                        21.8
                               17.0
                                     13.2
                                             8.3
                                                   -2.2
                                                           0.1
                                                                 0.4
                                                                        6.4
                                                                             10.3
                                                                                    17.8
##
   8967
           21.5
                 23.8
                        21.7
                               18.7
                                     10.2
                                             7.6
                                                    3.1
                                                         -1.1
                                                                 0.9
                                                                        3.5
                                                                              9.2
                                                                                    18.6
##
   8968
           20.4
                 23.0
                        22.2
                               19.9
                                     10.8
                                             7.2
                                                    2.8
                                                         -1.2
                                                                        5.9
                                                                             10.3
                                                                 0.5
                                                                                    17.1
  8969
           22.6
                 24.7
                        23.2
                              18.1
                                     12.6
                                             8.9
                                                    2.4
                                                          4.0
                                                                 0.1
                                                                        5.8
                                                                             13.1
                                                                                    14.2
##
                        22.8
                               18.6
##
   8970
           22.2
                 23.5
                                     12.9
                                             6.0
                                                    3.4
                                                         -1.2
                                                                 0.4
                                                                        8.6
                                                                             13.7
                                                                                    16.5
                 24.6
                                                    1.8
                                                           2.1
                                                                 5.4
                                                                       14.4
##
   8971
           21.9
                        24.7
                               20.1
                                     14.8
                                             9.1
                                                                             19.5
                                                                                    24.1
  8972
                        20.4
                                             1.9
                                                           2.0
                                                                 4.5
           25.5
                 24.0
                              13.8
                                      8.0
                                                   -1.7
                                                                       19.1
                                                                             22.5
                                                                                    24.5
                 22.4
                                             3.2
## 8973
           24.4
                        15.9
                                9.1
                                      3.6
                                                    5.6
                                                         16.5
                                                                22.9
                                                                       24.2
                                                                             23.4
                                                                                    21.3
## 8974
           17.2
                  8.3
                         7.3
                                3.4
                                      1.7
                                             6.7
                                                   17.2
                                                         20.0
                                                                23.2
                                                                       20.0
                                                                             11.8
                                                                                     6.6
  8975
            5.2
                  2.1
                         1.5
                                9.3
                                     16.6
                                            22.7
                                                   25.3
                                                         25.5
                                                                22.0
                                                                               4.4
                                                                                     2.8
##
                                                                        9.6
##
   8976
            8.1
                 14.1
                        17.3
                               20.1
                                     19.7
                                            13.3
                                                   10.4
                                                          5.9
                                                                 3.5
                                                                        5.5
                                                                             10.2
                                                                                    18.7
                 24.2
                        25.0
                                                                 6.7
##
  8977
           22.7
                               18.8
                                     15.7
                                            11.0
                                                    3.1
                                                         -0.6
                                                                        8.9
                                                                             17.0
                                                                                    23.5
                                                                10.0
##
   8978
           23.8
                 23.1
                        19.7
                               11.7
                                             0.3
                                                   -4.8
                                                          2.5
                                                                       19.3
                                                                             21.6
                                                                                    25.9
                                      5.1
                                                   -2.4
## 8979
           24.9
                 21.8
                        13.2
                                9.6
                                      2.2
                                            -1.5
                                                          5.4
                                                                16.8
                                                                       22.7
                                                                             24.2
                                                                                    25.1
## 8980
           20.7
                 13.3
                         9.4
                                4.5
                                      0.5
                                            -3.4
                                                    9.1
                                                         18.5
                                                                21.3
                                                                       23.8
                                                                             23.7
                                                                                    20.4
## 8981
           12.9 10.3
                         4.5
                                1.1
                                      0.5
                                             5.5
                                                   18.7
                                                         22.0
                                                                25.5
                                                                       25.6
                                                                             22.4
                                                                                    12.7
```

```
## 8982
            6.8
                  2.1
                       -2.0
                                4.0
                                      5.8 17.1 23.8
                                                         25.3
                                                               23.4
                                                                      19.7
                                                                             11.9
                                                                                     8.0
## 8983
                         2.1
                               5.8
                                     19.1
                                           20.8
                                                  24.9
                                                         22.6
                                                               19.7
                                                                      13.4
                                                                              9.2
                                                                                     5.9
            1.7
                 -3.2
  8984
                                     22.4
            1.6
                  1.7
                         7.4
                              16.7
                                            26.1
                                                  25.3
                                                         20.9
                                                                14.1
                                                                        8.4
                                                                              0.8
                                                                                    -1.7
                              23.1
                                     23.3
##
   8985
            5.4
                  3.4
                        16.6
                                           23.7
                                                  18.2
                                                         16.5
                                                                 6.8
                                                                        6.6
                                                                             -1.5
                                                                                     3.5
##
   8986
            8.0
                 18.6
                        21.5
                              24.6
                                     23.6
                                            20.7
                                                  15.0
                                                         11.1
                                                                 1.1
                                                                        1.2
                                                                              0.5
                                                                                     7.3
   8987
           11.9
                 19.3
                        23.3
                              26.3
                                     22.8
                                           20.6
                                                  15.0
                                                          7.2
                                                                 3.3
                                                                        0.0
##
                                                                              1.1
                                                                                     7.8
                 18.2
                        23.5
                              26.7
                                            20.6
                                                  10.6
   8988
           11.7
                                     24.4
                                                          8.8
                                                                 4.4
                                                                      -1.9
                                                                              2.2
                                                                                     7.3
                17.7
                                     25.8
                                           19.3
                                                                 2.4
                                                                              2.5
## 8989
           11.1
                        22.8
                              26.8
                                                  10.7
                                                          8.9
                                                                        3.3
                                                                                     6.5
##
   8990
           11.4
                 16.6
                        23.3
                              24.4
                                     23.5
                                            20.6
                                                  14.5
                                                          7.1
                                                                -3.7
                                                                        5.6
                                                                              5.7
                                                                                     8.7
                        22.9
                              25.8
                                                                 5.7
                                                                                     8.2
##
   8991
           12.7
                 16.8
                                     23.7
                                            19.6
                                                  15.9
                                                          9.8
                                                                        1.9
                                                                              4.8
   8992
           13.3
                 21.4
                        23.7
                              26.4
                                     25.4
                                            20.6
                                                  14.3
                                                          7.7
                                                                 3.7
                                                                        1.4
                                                                              2.8
                                                                                     5.2
                        21.2
                              25.2
   8993
                 16.0
                                     22.4
                                            19.8
                                                  12.4
                                                                 3.8
                                                                        3.3
##
           11.1
                                                          8.4
                                                                             -0.3
                                                                                     4.1
##
   8994
           11.4
                 18.3
                        22.3
                              26.8
                                     24.8
                                           20.4
                                                  13.1
                                                          8.1
                                                                 2.3
                                                                      -2.7
                                                                              1.1
                                                                                     6.1
   8995
                 15.9
                        25.1
                              26.7
                                     23.4
                                            20.0
                                                  13.8
                                                                 5.9
                                                                        3.9
##
           15.3
                                                         11.1
                                                                              0.6
                                                                                     8.8
   8996
           12.9
                 18.1
                        23.6
                              27.5
                                     26.7
                                            21.3
                                                  16.2
                                                          5.9
                                                                      -0.2
                                                                              2.2
                                                                                     4.4
##
                                                                 1.1
##
   8997
           12.2
                 15.8
                        22.9
                              23.4
                                     22.9
                                            19.9
                                                  13.1
                                                          4.5
                                                                 4.3
                                                                        0.4
                                                                              4.9
                                                                                     7.4
           10.9
                 15.2
                        21.0
                              25.1
                                     23.4
                                           19.7
                                                  13.6
                                                          6.4
                                                                 3.6
                                                                              5.3
                                                                                     7.6
##
   8998
                                                                        4.9
##
   8999
           12.7
                 19.0
                        22.0
                              24.7
                                     24.2
                                            22.0
                                                  13.3
                                                          7.6
                                                                 5.0
                                                                        1.5
                                                                              2.9
                                                                                     5.2
                                                                              3.3
  9000
                 17.8
                        21.9
                              26.6
                                     24.2
                                           19.9
                                                  12.2
                                                         10.0
##
           11.5
                                                                 3.9
                                                                        0.1
                                                                                     9.1
## 9001
           11.5
                 17.9
                        22.6
                              22.6
                                     22.9
                                            18.5
                                                  13.8
                                                          6.8
                                                                -1.1
                                                                        0.5
                                                                              3.5
                                                                                     5.3
                 17.3
                              22.6
                                            18.4
##
  9002
           12.9
                        23.3
                                     25.0
                                                  13.2
                                                         10.3
                                                                 5.4
                                                                       3.9
                                                                              3.9
                                                                                     7.2
## 9003
           13.6
                 16.6
                        23.1
                              25.8
                                     25.7
                                            20.8
                                                  13.3
                                                          6.8
                                                                 1.2
                                                                      -2.1
                                                                             -1.1
                                                                                     6.6
## 9004
           11.3
                15.1
                        20.9
                              24.1
                                     24.6
                                           19.9
                                                  12.7
                                                         10.3
                                                                 2.4
                                                                      -2.6
                                                                                     7.5
                                                                              1.5
          12.6
                 20.9
                        21.6
                              24.5
                                     23.4
                                            20.8
                                                  12.9
                                                          9.1
                                                                 3.0
                                                                              2.6
                                                                                     4.7
##
  9005
                                                                        1.0
           12.8
                        23.1
                              25.5
                                     25.3
                                           22.2
##
  9006
                15.1
                                                  14.3
                                                          8.9
                                                                 1.1
                                                                       5.3
                                                                              2.2
                                                                                     7.5
   9007
           14.0
                 17.4
                        22.8
                              26.5
                                     25.7
                                           18.6
                                                  12.8
                                                          9.7
                                                                 5.7
                                                                        3.7
                                                                             -1.7
                                                                                     7.2
##
  9008
           10.7
                 18.5
                        23.1
                              24.9
                                     25.2
                                           21.3
                                                  17.4
                                                          7.8
                                                                 3.1
                                                                        1.8
                                                                              2.9
                                                                                     7.2
   9009
                 15.7
                        24.0
                              25.2
                                     23.1
                                            20.7
                                                                 3.5
##
           13.1
                                                  13.0
                                                          7.4
                                                                      -1.5
                                                                              2.9
                                                                                     6.0
                        21.9
                              23.6
                                            19.2
## 9010
           12.7
                 17.6
                                     24.7
                                                  13.0
                                                          9.9
                                                                 1.8
                                                                        0.4
                                                                             -0.5
                                                                                     9.2
## 9011
           14.0
                19.6
                        26.0
                              27.5
                                     25.2
                                            21.7
                                                  14.2
                                                          8.4
                                                                 0.3
                                                                      -0.9
                                                                              3.6
                                                                                     6.9
## 9012
           14.3
                 19.6
                        24.3
                              27.6
                                     24.4
                                            20.7
                                                  13.7
                                                         10.3
                                                                 5.7
                                                                        3.5
                                                                              5.4
                                                                                    12.1
## 9013
           12.9
                 20.6
                        23.1
                              27.5
                                     25.2
                                            20.8
                                                  14.6
                                                          6.1
                                                                 6.0
                                                                        2.8
                                                                              1.7
                                                                                     4.8
                        23.3
##
   9014
           13.0
                 17.6
                              26.1
                                     23.5
                                            19.8
                                                  14.9
                                                          6.5
                                                                 4.2
                                                                      -2.5
                                                                              0.5
                                                                                     3.6
## 9015
           11.7
                 18.2
                        22.9
                              24.2
                                     22.5
                                           20.4
                                                  14.6
                                                          6.3
                                                                      -0.6
                                                                             -3.7
                                                                 4.4
                                                                                     4.3
## 9016
           12.8
                 20.5
                        23.2
                              25.1
                                     23.9
                                            22.0
                                                  13.1
                                                         10.7
                                                                 9.4
                                                                       0.2
                                                                              3.1
                                                                                    10.2
## 9017
           12.5
                 16.3
                        23.1
                              26.3
                                     26.1
                                           22.6
                                                  15.4
                                                          9.1
                                                                 3.6
                                                                       3.9
                                                                              6.8
                                                                                     6.6
                        23.6
## 9018
           15.8
                17.0
                              25.9
                                     23.0
                                           20.6
                                                  16.5
                                                          8.1
                                                                 2.2
                                                                        0.0
                                                                              5.5
                                                                                     4.5
## 9019
           11.0
                 20.8
                        22.7
                              25.4
                                     25.4
                                           22.5
                                                  15.1
                                                          6.6
                                                                 4.5
                                                                        0.9
                                                                              3.3
                                                                                     6.2
## 9020
           15.3
                 20.2
                        24.0
                              27.1
                                     25.5
                                            23.2
                                                  16.8
                                                          6.8
                                                                 4.4
                                                                        4.6
                                                                              5.6
                                                                                    10.5
## 9021
           11.6
                16.7
                        23.9
                              28.1
                                     25.9
                                           20.5
                                                  15.4
                                                         11.3
                                                                 4.1
                                                                        1.2
                                                                              1.2
                                                                                     9.3
## 9022
          11.9
                 15.5
                        22.5
                              23.8
                                     23.6
                                           19.3
                                                  15.6
                                                          5.3
                                                                 5.9
                                                                             21.8
                                                                      -1.1
                                                                                    16.7
## 9023
           0.5
                  8.1
                        19.3
                               9.8
                                     14.7
                                           19.6
                                                  15.5
                                                         -5.7
                                                                -2.2
                                                                      12.1
                                                                              8.2
                                                                                     9.3
                        20.9
                              17.0
                                                                      21.9
## 9024
           13.5
                 18.9
                                     11.9
                                            -0.6
                                                   0.6
                                                          9.3
                                                                11.1
                                                                             -6.1
                                                                                     0.5
## 9025
                        18.5
                              23.6
                                            19.4
                                                   0.8
                                                                 7.8
                                                                      21.4
           12.5
                 21.7
                                     23.1
                                                         -1.8
                                                                             23.7
                                                                                    23.9
                  5.2
                         0.5
                              -0.8
                                                         21.7
                                                                24.3
                                                                      23.3
## 9026
           17.1
                                     -4.3
                                             7.8
                                                  13.0
                                                                             19.6
                                                                                    11.3
            7.1
                  2.2
                                     29.1
                                                  29.8
## 9027
                        -3.1
                              19.0
                                           30.6
                                                         24.1
                                                                18.1
                                                                      15.1
                                                                              6.7
                                                                                     7.7
## 9028
            6.7
                 25.2
                        28.1
                              26.9
                                     21.9
                                            15.7
                                                   9.1
                                                         23.6
                                                                29.7
                                                                      31.3
                                                                             32.6
                                                                                    20.5
## 9029
                 11.4
                        12.7
                              21.3
                                     24.4
                                            30.7
                                                  25.5
                                                                      12.0
                                                                             10.6
                                                                                   13.7
           15.2
                                                         19.8
                                                                15.8
## 9030
           17.8
                 28.4
                        29.7
                              27.3
                                     20.8
                                           12.1
                                                   9.6
                                                          9.6
                                                               22.6
                                                                      26.5
                                                                             27.6
                                                                                    29.0
                                                                25.7
## 9031
           25.9
                 22.4
                        11.3
                               8.4
                                     19.8
                                             9.0
                                                  26.8
                                                         27.5
                                                                      21.9
                                                                             15.7
                                                                                    16.5
##
  9032
            7.5
                 19.3
                        30.3
                              28.7
                                     12.7
                                            10.6
                                                  18.7
                                                         23.6
                                                               27.4
                                                                      30.0
                                                                             30.5
                                                                                    23.3
                                                               28.4
## 9033
           16.4
                  9.8
                         9.8
                                6.7
                                     18.7
                                            21.8
                                                  26.6
                                                         27.1
                                                                      26.3
                                                                             21.7
                                                                                    14.4
                                                         13.6
## 9034
           16.8
                  8.2
                         8.5
                               8.9
                                     12.2
                                           27.3
                                                  26.6
                                                               16.5
                                                                      20.0
                                                                             21.5
                                                                                    26.7
                                           21.9
## 9035
           23.7 15.3
                        26.4
                              25.2
                                     20.5
                                                  25.4
                                                         27.0
                                                               15.0
                                                                       9.7
                                                                             10.1
                                                                                     8.8
```

```
17.9 22.1 26.2 26.8 26.9 24.0 21.4 12.4 17.0
## 9036
                                                              8.7 -9.5
## 9037
                                                                  -3.9
                                                                        -0.2
         -0.5 - 15.1
                     5.0 11.1 14.8 -11.3
                                            8.1
                                                 -8.7
                                                       18.7
                                                              0.7
        -10.2
## 9038
               9.4 10.9 18.5 12.9 -9.1 -13.5
                                                  6.2
                                                       -9.4 -6.1
                                                                   3.9
         14.7 -2.0 17.4 -7.8
                                           18.2
## 9039
                                3.5 11.0
                                                 12.0
                                                        1.4
                                                            -6.0
                                                                  -7.1 -13.1
## 9040
          5.1 11.8 19.4 20.0 19.7
                                     15.5
                                           10.4
                                                  0.6
                                                       -6.1 -13.6
                                                                  -5.2
## 9041
         13.6 13.1 -23.2 -23.2 -19.0
                                      9.0
                                           17.0
                                                 15.9 12.4 -3.0 -31.9
         -1.8 11.9 17.1 -13.1 -20.8 -14.9
                                           -5.3
## 9042
                                                  8.2 14.9 15.5 10.4
         -4.4 -20.2 -31.8 -29.5
                               6.3 14.1
                                           13.0 -23.3 -30.7 -13.1 -3.5
## 9043
                                                                        15.5
## 9044
         14.6 14.0
                     6.7
                         -4.8 -25.8 -19.8
                                            8.8 12.6
                                                       6.9 -9.1 -17.2 -25.9
        -22.9 -2.7
                                            4.8 -2.5 -12.3 -24.5 -36.6 -20.2
## 9045
                     4.7 12.8 14.9 11.6
## 9046
        -15.1
                0.3
                     8.9 14.5 12.0
                                      4.4 -6.3 -21.7 -29.0 -5.6
                                                                   7.9
                                      5.1 -11.7 -27.4 -24.2 -22.5 -11.3
## 9047
        -29.5 -24.7 -23.6 -13.7
                               -4.4
                                                                         0.5
## 9048
          7.9 16.4 16.1 11.9
                               5.0 -11.3 -27.8 -34.3 -19.8 -19.8
                                                                   7.0
                                                                        14.5
                     5.1 -8.0 -18.5 -25.3 -24.5 -17.9 -17.4 -2.4
## 9049
         12.8 11.0
                                                                  10.7
                                                                        12.5
## 9050
         14.1 12.0
                     4.9 -4.1 -18.3 -21.9 -25.3 -22.3 -18.1 -3.4
                                                                   7.4
                                                                        12.8
## 9051
         14.9 12.1
                     5.7 -6.4 -32.8 -25.8 -18.0 -14.5 -1.7
                                                              6.0
                                                                  15.6
                                                                         3.3
        -14.9 -23.9 -19.5 -13.3 -3.1
                                      8.7 14.8
                                                  7.0 -2.9 -21.7 -28.6 -19.1
## 9052
## 9053
        -18.1 -2.6
                     2.5 13.7 13.8 11.7
                                            6.2 -3.3 -18.4 -34.3
                                                                   1.5
         14.4 15.5 11.3
                          6.5 -7.6 -17.2 -26.6 -30.0 -27.3 -14.2
## 9054
                                                                  -1.7
                                                                         5.7
## 9055
         14.3 15.1 13.2
                           6.1 -5.6 -20.6 -22.8 -25.5 -13.4 -8.9
                                                                  -1.6
                                                                         5.7
## 9056
         14.9
               9.6
                     4.2 -6.7 -16.4 -23.2 -20.2 -18.6 -12.7
                                                            -0.9
                                                                   5.7
                                                                        14.5
## 9057
         14.7 13.6
                     6.3 -6.4 -20.2 -26.9 -21.0 -21.8 -17.4 -6.6
                                                                   7.4
                    6.6 -0.9 -10.9 -19.6 -22.3 -13.7 -14.0 -1.0
## 9058
         15.1 11.8
                                                                   7.1
                                                                        15.5
               3.2 -2.3 -16.2 -26.2 -31.4 -16.8 -15.3 10.0 16.8
## 9059
         11.9
                                                                  15.7
          2.4 -3.8 -16.6 -23.5 -24.3 -21.4 -8.2
                                                  0.1 10.3 13.7 13.6
## 9060
                                                                         6.6
## 9061
         -4.2 -19.8 -28.0 -19.7 -17.9 13.5 15.2
                                                  6.6
                                                      -3.4 -26.4 -23.3 -23.3
## 9062
          0.1 15.6 15.8 14.0 -15.6 -26.5 -25.2
                                                  7.9 10.1
                                                             5.8 -21.3
          8.8 13.1 17.4 11.6
                                6.3 -19.1
                                            0.5
## 9063
                                                 10.4
                                                       14.7
                                                            13.6
                                                                   5.5
                                                                        -5.7
       -12.5 -26.7 -21.9 -1.3
## 9064
                                9.4 13.1 13.1
                                                  7.9
                                                       -4.7 -22.1 -31.5 -16.8
## 9065
          1.8
               6.9 13.6
                           6.9 -7.2 -24.1 -21.6 -18.5 -7.9
                                                              6.0 14.0
## 9066
         -0.9 - 16.8
                    4.6 -1.9 -15.3 -22.0 -17.7
                                                  4.1
                                                      14.4 15.5
                                                                   6.4
                                                                        -7.6
## 9067
        -16.1 -24.6 -25.0 -20.0
                                8.7 14.1
                                            6.6
                                                 -3.2 -19.9 -20.9 -22.9 -21.6
                          5.9 -14.6 -22.1 -24.4 -20.1
## 9068
        -1.6 16.4 11.6
                                                        2.2 11.6 15.6 16.9
        -13.1 -22.3 -31.5 -0.3 11.1 12.9 15.0
                                                 12.6
                                                        6.7
                                                            -4.2 -20.5 -20.4
## 9069
## 9070
        -21.4 - 24.7
                    -2.9
                           8.6 14.8
                                     16.3
                                           12.3
                                                  4.5
                                                       -5.3 -21.6 -21.9 -26.5
         14.2 15.9 20.8 22.7
                               24.1 28.5
                                           27.6
                                                 30.0
                                                       26.2 21.8 17.4 16.0
## 9071
## 9072
         13.6 15.2 16.9 19.3 23.8 28.4
                                           28.5
                                                 28.9
                                                       27.8 22.5 15.0 11.5
## 9073
         11.2 12.8 15.5 20.7
                                23.4 27.8
                                           28.3
                                                 28.6
                                                       26.7
                                                             22.7
                                                                  15.2 14.6
## 9074
          9.8 11.8 17.1
                          22.5
                                25.1
                                      28.1
                                           29.2
                                                 28.4
                                                       26.1
                                                             23.5
                                                                  18.0
## 9075
         12.1 15.8 19.7 21.9 25.2 27.0
                                           28.2
                                                 27.7
                                                       26.6
                                                             23.3
                                                                  18.8
                                                                        15.7
         15.0 19.8 20.1 21.1
                               24.8
                                     27.9
                                           27.4
                                                 29.3
                                                       24.9
## 9076
                                                             22.4
                                                                  18.2 12.5
## 9077
          9.9 17.8 19.5 20.2 25.9
                                     28.4
                                           28.6
                                                 29.8
                                                       26.6
                                                             22.7
                                                                  14.0
                                                                        13.9
                                      27.9
## 9078
         12.6 16.0 17.3 19.8
                                25.3
                                           27.5
                                                 29.3
                                                       28.2
                                                             22.5
                                                                  15.8
                                                                        15.0
## 9079
         14.9 13.4 22.3 20.7
                               25.0
                                      26.2
                                           27.5
                                                 29.2
                                                       26.4
                                                             23.5
                                                                  19.4
                                                                        13.5
## 9080
         12.8 11.2 19.1
                          20.4
                                23.9
                                      27.4
                                           27.6 28.1
                                                       25.5
                                                             22.9
                                                                  16.4
                                                                        19.3
         11.6 -2.4
                                5.7
## 9081
                     7.0
                          -9.3
                                      14.6
                                           18.4 -10.6
                                                       -9.3 20.9
                                                                   10.8
                                                                        26.2
## 9082
         17.2 -7.8
                    18.5
                          15.8 21.1
                                       5.4
                                           -0.9 17.7
                                                        0.5 - 10.9
                                                                  -3.2
                                                                         7.2
                    -7.8
                               13.8 21.4
                                           -5.4 - 12.3
                                                                   23.5
                                                                        22.9
## 9083
         22.4 19.8
                           6.4
                                                        7.9
                                                             14.7
## 9084
         21.8 17.8 11.7
                           2.0
                               -5.0 -12.5 -1.9
                                                 -6.7
                                                        0.9
                                                             12.0
                                                                  16.6
                                                                        21.6
                           7.7
## 9085
         26.5 22.4
                    15.4
                                 2.7
                                     -1.1
                                           -6.8
                                                 -9.1
                                                        3.6
                                                              8.3
                                                                  17.4
                                                                        22.6
                                                 -9.3
## 9086
         24.4 22.3
                    18.2
                         12.4
                                 1.4
                                     -8.6 -10.4
                                                       -2.1
                                                              6.6
                                                                  13.5
                                                                        20.4
## 9087
         24.2 22.5 17.5 10.2
                                 2.1 -10.2 -13.2
                                                 -6.2
                                                        0.1
                                                              8.9 16.0
                                                                       19.8
## 9088
         21.1 20.8 19.1
                           6.2
                                 6.0 -8.1 -9.6 -6.8
                                                        5.0 12.9 15.9
                                                                        20.7
## 9089
         24.6 25.0 15.7 12.2
                                 1.9 -8.6 -10.2 -7.3 -1.4
                                                             7.8
                                                                  14.7
                                                                        20.9
```

```
4.0 -1.8 -4.2 -1.8
## 9090
          26.0 23.1 17.2 12.5
                                                            9.1 10.0 17.6
## 9091
          26.8 22.2
                      17.3
                             8.6
                                   2.9
                                        -4.7
                                               -8.3 - 7.2
                                                           -2.6
                                                                   5.0
                                                                       14.6
                                                                              21.0
                             9.5
                                                           -3.5
## 9092
          23.9 23.7
                      19.5
                                   1.8 -10.8 -13.3 -12.9
                                                                   7.4 16.3
                                                                              20.8
## 9093
                23.0
                             9.5
                                  -3.6 -4.2
                                              -6.7 -10.9
                                                            1.9
          21.7
                      17.1
                                                                  10.0
                                                                        15.2
                                                                              21.0
## 9094
          23.3
                21.6
                      20.1
                            11.1
                                    5.2
                                         -0.8
                                               -7.9
                                                     -3.7
                                                            4.9
                                                                   8.8
                                                                        16.0
                                                                              21.9
## 9095
          24.0 22.9
                      18.7
                            11.7
                                    6.7
                                         -6.2
                                               -6.1
                                                     -0.4
                                                            1.0
                                                                  10.3
                                                                       14.9
                                                                              22.0
## 9096
          23.4 19.5
                      18.9
                            10.8
                                    1.2
                                         -6.8
                                               -8.6
                                                    -8.7
                                                            0.5
                                                                   3.2
                                                                        19.9
          23.9
               23.3
                     18.4
                             7.7
                                  -1.9
                                         -3.2
                                               -9.8 -10.6
                                                           -1.8
                                                                   7.9
## 9097
                                                                        13.1
                                                                              21.0
## 9098
          23.3
                20.9
                      19.3
                             7.8
                                  -0.6
                                         -4.8
                                               -5.9
                                                     -6.0
                                                            3.2
                                                                   7.1
                                                                        14.7
                                                                              22.7
## 9099
          24.3
               22.5
                      16.0
                             6.5
                                    3.8
                                        -3.3
                                              -5.0 -10.6
                                                            4.8
                                                                   8.6
                                                                              24.5
                                                                       15.3
## 9100
          24.1
                23.0
                      18.5
                            12.7
                                    2.7
                                         -4.0 -11.4
                                                     12.2
                                                            3.0
                                                                   5.9
                                                                        16.3
                                                                               4.0
                      26.5
                            29.0
                                   27.2
## 9101
          24.8
               11.3
                                        19.9
                                               13.7
                                                      5.3
                                                           17.1
                                                                  21.5
                                                                        28.5
                                                                              26.0
                                                            6.7
## 9102
          23.5
               16.8
                       3.2
                            16.4
                                   4.6
                                         26.1
                                               28.5
                                                     27.4
                                                                   6.3
                                                                        15.9
                                                                              22.1
          27.9
               29.9
                      28.3
                            12.5
                                          4.9
                                                0.9
                                                     15.4
                                                           20.7
                                                                  26.8
                                                                        27.8
## 9103
                                    6.1
                                                                              27.7
## 9104
          25.9 19.5
                     11.9
                            11.1
                                    3.5
                                          3.5
                                                4.7
                                                      9.6
                                                           20.4
                                                                  21.6
                                                                        24.1
                                                                              22.2
                       7.3
## 9105
          19.1
                14.1
                             4.7
                                    3.3
                                          5.9
                                                7.1
                                                     15.8
                                                           20.2
                                                                  23.4
                                                                        21.1
                                                                              19.6
## 9106
          11.9
                 8.1
                       3.5
                             5.4
                                    2.6
                                          6.0
                                               17.9
                                                     22.4
                                                           25.8
                                                                  22.5
                                                                        19.5
                                                                              12.5
## 9107
           7.9
                 3.1
                      -0.5
                             4.7
                                    8.1
                                         15.9
                                               22.9
                                                     23.3
                                                           21.9
                                                                  18.1
                                                                        13.5
                                                                              10.2
           6.2
## 9108
                 3.1
                       2.8
                             9.8
                                  18.1
                                         21.2
                                               24.6
                                                     25.2
                                                           13.1
                                                                   5.0
                                                                               0.8
                                                                         1.4
## 9109
          22.0 18.0
                       5.0
                            15.0
                                  19.9
                                         21.1
                                               18.5
                                                     12.5
                                                            5.1
                                                                   4.5
                                                                         5.8
                                                                              12.5
                                                                         6.1
## 9110
          19.0 21.8
                      23.7
                            23.6 22.1
                                        14.4
                                                8.9
                                                      5.5
                                                            4.5
                                                                   4.7
                                                                              14.6
## 9111
          17.5
               22.4
                      25.0
                            23.6
                                  19.3
                                         13.2
                                                9.8
                                                      4.0
                                                            1.2
                                                                   6.2
                                                                         9.7
                                                                              11.8
               22.3
                      23.0
                            22.6
## 9112
          19.1
                                  19.6
                                        13.9
                                                6.9
                                                     -0.5
                                                            0.8
                                                                   6.4
                                                                         6.2
                                                                              14.5
## 9113
          18.5
               21.8
                      23.0
                            23.7
                                  18.2
                                         12.1
                                               10.3
                                                      6.2
                                                            3.8
                                                                   3.7
                                                                         8.6
                                                                              15.3
                                                           -0.7
## 9114
          17.0 23.2
                      24.9
                            24.5
                                  22.0
                                        15.6
                                                6.6
                                                                         9.5
                                                      3.3
                                                                   3.0
                                                                              13.8
                20.6
## 9115
          18.0
                      23.2
                            24.0
                                  19.1
                                        12.3
                                               10.5
                                                      2.4
                                                            0.8
                                                                   4.0
                                                                        10.0
                                                                              13.2
## 9116
          20.2 22.0
                      23.5
                            21.9
                                  20.1
                                         16.0
                                               10.3
                                                      2.5
                                                            4.3
                                                                   5.1
                                                                         7.1
                                                                              12.9
                22.3
                      24.5
                            24.1
                                  20.8
                                         14.3
                                                8.9
                                                      7.9
                                                           20.9
                                                                  23.5
                                                                        24.0
                                                                              17.8
## 9117
          16.1
                 1.2 12.0
                            18.8
                                         25.5
                                                            7.3
                                                                   1.4
## 9118
           3.4
                                  22.1
                                               21.6
                                                     16.7
                                                                         4.8
                                                                              13.5
                      22.6
## 9119
          17.2
                22.8
                            22.4
                                   20.3
                                         12.1
                                                5.7
                                                      3.5
                                                           13.2
                                                                  18.2
                                                                        21.5
                                                                              22.5
                                               25.8
## 9120
          19.6
                12.9
                       8.5
                            14.8
                                  19.8
                                         24.3
                                                     25.6
                                                           20.7
                                                                  13.6
                                                                         8.5
                                                                              -1.1
## 9121
           0.7
                 5.6
                       9.7
                            15.3
                                  18.4
                                         23.4
                                               25.8
                                                     24.3
                                                           20.4
                                                                  13.0
                                                                         9.7
                                                                               6.0
           4.5
                                  20.2
                                         22.4
                                               25.5
## 9122
                 6.0
                      13.6
                            14.4
                                                     22.9
                                                           19.5
                                                                  13.5
                                                                         6.5
                                                                               6.2
## 9123
           4.4
                 3.7
                       4.9
                            13.0
                                  16.9
                                         22.4
                                               23.8
                                                     22.8
                                                           20.3
                                                                  14.7
                                                                         6.3
                                                                               5.0
                       7.2
## 9124
          -1.6
                 3.5
                           14.6
                                  18.6
                                         23.8
                                               23.2
                                                     23.0
                                                           21.1
                                                                  13.9
                                                                         5.1
                                                                               4.9
## 9125
           1.7
                -1.3
                       9.1
                           14.8 19.9
                                         23.5
                                               24.0
                                                     22.6
                                                           20.4
                                                                  13.9
                                                                        10.8
                                                                               9.9
## 9126
          -0.1
                 4.1
                      11.3 14.2 17.4 23.3
                                               25.0
                                                     25.0
                                                           21.9
                                                                  15.4
                                                                         9.0
                                                                               4.4
## 9127
           6.9
                 7.5
                       8.9 16.0
                                  18.4
                                         21.4
                                               24.3
                                                     22.7
                                                           19.1
                                                                  14.9
                                                                         8.1
                                                                               3.5
## 9128
          -0.3
                 9.4
                       7.4
                           11.5
                                   20.6
                                         23.3
                                               24.3
                                                     23.0
                                                           23.2
                                                                  15.1
                                                                         6.7
                                                                               5.1
           3.0
                       7.5
                           14.9 20.7
                                         22.0
                                                     24.0
                                                           23.7
## 9129
                 7.8
                                               24.8
                                                                  16.3
                                                                         6.3
                                                                               6.6
## 9130
           5.9
                 5.9
                      12.0 12.2 16.3
                                         21.9
                                               25.6
                                                     24.3
                                                           20.4
                                                                  15.6
                                                                        10.4
                                                                               2.8
## 9131
                                                                         6.4
           3.3
                 4.5
                     10.7
                           12.5 17.6 23.1
                                               24.8
                                                     25.2
                                                           20.5
                                                                  16.8
                                                                               8.1
           1.2
                 0.4
                       6.1 14.2
                                  17.4 -11.0
                                               11.5
                                                     24.2
                                                           21.0
                                                                  -4.5
## 9132
                                                                        16.4
                                                                              13.1
          18.2
                -0.4
                       5.9
                           14.8
                                  21.3
                                        15.7
                                               -4.6
                                                     -7.4 -11.2
                                                                 -8.4
                                                                        21.5
## 9133
                                                                               0.2
         -10.9
                -8.8
                       6.0
                            13.6
                                  22.8
                                         23.6
                                                2.9
                                                    -4.4
                                                           -5.4 -12.9
## 9134
                                                                         6.5
                                                                              14.5
          23.6
                23.3
                      21.7
                            17.7
                                               -6.8 -13.5
                                                           -6.1
                                                                         2.0
## 9135
                                  10.8
                                         1.3
                                                                  12.3
                                                                              12.8
                      20.8
                            -1.2
## 9136
          17.0
                25.2
                                  10.1
                                         15.6
                                               25.2
                                                     25.0
                                                           22.9
                                                                  17.4
                                                                        -2.1
                                                                              -1.6
          -8.2
                11.5
                      16.7
                            24.5
                                  24.0
                                         24.4
                                               20.7
                                                     13.6
                                                            6.2
                                                                   2.7
                                                                        -5.1
                                                                              -0.7
## 9137
## 9138
           6.3
                 9.7
                      10.5
                            16.1
                                  24.7
                                         23.9
                                               25.6
                                                     19.0
                                                           15.0
                                                                   3.0
                                                                         0.0
                                                                               0.5
                      13.6
                                  22.3
                                         24.5
                                                     17.7
                                                            12.4
## 9139
           4.5
                 8.2
                            16.0
                                               24.1
                                                                   8.0
                                                                        -4.6
                                                                              -5.8
## 9140
           3.0
                 8.9
                       9.8
                            15.5
                                  20.7
                                         27.9
                                               25.6
                                                     18.7
                                                            9.7
                                                                   6.6
                                                                        -1.9
                                                                               2.8
                 6.3 11.4 17.3 20.3
                                        26.9
## 9141
           1.9
                                               24.8
                                                     18.7
                                                           11.4
                                                                   3.8
                                                                         0.2
                                                                               1.9
## 9142
           1.3
                 6.3 11.7
                            15.5
                                  19.7
                                         24.7
                                               23.5
                                                     17.1
                                                            6.6
                                                                   4.8
                                                                         2.3
                                                                               3.1
                                         24.0 23.7 18.1 12.4
## 9143
           2.6
                 7.5 11.3 15.6 18.9
                                                                   3.5
                                                                         0.6
                                                                               1.8
```

```
7.1 11.1 15.5 24.2 27.7 22.9 18.1 12.0
## 9144
           1.6
                                                                  5.9
                                                                         1.0
## 9145
           8.7
               15.5
                      19.7
                            24.3
                                  25.7
                                        25.0
                                               23.9
                                                     18.4
                                                           11.3
                                                                  9.9
                                                                        7.8
                                                                              10.1
               13.9
                      18.8
                                                     19.0
## 9146
          12.5
                            20.5
                                  25.5
                                        24.9
                                               23.4
                                                           12.9
                                                                  7.9
                                                                         8.2
                                                                               9.5
## 9147
           9.4 14.1 18.9
                            25.0
                                  26.3
                                        25.9
                                               24.1
                                                     19.0
                                                                 12.2
                                                           14.1
                                                                        10.1
                                                                               8.2
## 9148
           9.7
                15.6
                      18.9
                            23.8
                                  27.1
                                        26.7
                                               23.3
                                                     19.4
                                                           14.8
                                                                 10.0
                                                                        7.2
                                                                               8.8
## 9149
          13.4 15.3 20.6
                           24.1
                                  25.3
                                        25.4
                                               23.8
                                                     17.7
                                                           11.7
                                                                   6.6
                                                                         6.6
                                                                               9.3
          10.2 13.9
                     19.6
                            24.7
                                  25.2
                                        25.9
                                               22.8
                                                     17.9
                                                           15.7
                                                                 13.2
## 9150
                                                                         9.5
                                                                              10.0
          13.7 17.4
                      20.7
                            24.4
                                  26.7
                                        26.4
                                               24.5
                                                     20.4
                                                           13.5
## 9151
                                                                  8.8
                                                                         5.8
                                                                               8.0
## 9152
          12.7
                15.2
                      19.9
                            24.2
                                  25.6
                                        25.4
                                               23.6
                                                     18.6
                                                           16.4
                                                                  8.7
                                                                         5.8
                                                                               7.3
## 9153
          10.4
               15.7
                      22.5
                            25.2
                                  26.7
                                        25.1
                                               23.9
                                                           15.2
                                                                 10.7
                                                                        7.6
                                                                               7.0
                                                     19.6
## 9154
           9.0
                13.7
                      16.8
                            23.7
                                  26.8
                                        27.7
                                               24.3
                                                     18.7
                                                           15.5
                                                                  8.5
                                                                        10.6
                                                                               7.5
               15.5
                            23.9
                                                                        24.0
## 9155
          10.3
                      18.6
                                  26.3
                                        18.6
                                               10.6
                                                      6.4
                                                           14.8
                                                                 19.6
                                                                              25.9
                      26.7
                                                            9.7
## 9156
          27.0
                13.9
                            26.3
                                  24.9
                                        12.0
                                                6.6
                                                      7.9
                                                                 16.2
                                                                        20.9
                                                                              24.6
## 9157
          28.4
               26.4
                      23.5
                            18.8
                                  14.9
                                         9.5
                                                3.9
                                                      4.0
                                                           10.2
                                                                 15.4
                                                                              25.0
                                                                        20.4
## 9158
          25.6
                26.1
                      24.4
                            20.1
                                  13.9
                                          4.7
                                                5.6
                                                     10.1
                                                           12.6
                                                                 19.3
                                                                        22.1
                                                                              26.9
## 9159
          28.0
                28.5
                      25.4
                            19.1
                                  14.7
                                        12.4
                                               10.6
                                                     10.5
                                                           16.0
                                                                 16.7
                                                                        22.8
                                                                              24.3
          27.6
               26.5
                      23.8
                           19.8
                                  11.3
                                        12.0
                                                9.4
                                                      8.8
                                                            9.5
                                                                 15.1
                                                                       20.4
                                                                              25.6
## 9160
## 9161
          27.4
                26.8
                      23.4
                            19.7
                                  13.6
                                        11.4
                                                6.9
                                                      8.5
                                                            9.2
                                                                 15.2
                                                                       21.7
                                                                              23.3
## 9162
          26.5
               25.7
                      23.3
                            18.9
                                  11.9
                                         9.9
                                                7.7
                                                     15.7
                                                           26.0
                                                                 26.6
                                                                       25.9
                                                                              24.9
                            20.5
## 9163
          19.3
                 8.1
                      15.6
                                  24.9
                                        27.6
                                               20.7
                                                     13.4
                                                           20.1
                                                                 26.8
                                                                       24.4
                                                                              21.4
                                                                 14.0
## 9164
          15.0
               15.7
                      26.0 26.8
                                 27.4
                                        21.2
                                               15.2
                                                     13.0
                                                            8.7
                                                                       11.8
                                                                             18.8
## 9165
          23.3
                25.4
                     27.5 27.1
                                  26.5
                                        21.5
                                               13.9
                                                     13.1
                                                           12.1
                                                                 11.9
                                                                       15.2
                                        20.9
                                               17.1
                                                     10.5
                                                            7.8
## 9166
          20.5
               25.5
                      29.1
                           28.1
                                  24.3
                                                                 16.2
                                                                       13.3
                                                                               1.9
## 9167
          -3.2
                -1.1
                       8.1
                            15.3
                                  12.4
                                         5.9
                                                0.8
                                                      3.0
                                                            8.6
                                                                 14.1
                                                                       17.8
                                                                               0.1
                                                                              -1.4
## 9168
           3.8
                 9.0 13.3
                            16.8
                                  15.8
                                        11.5
                                                0.1
                                                          11.0
                                                                 10.4
                                                      8.3
                                                                        3.0
               18.3 15.2
                                               -0.2
## 9169
           9.8
                            11.7
                                   5.7
                                          2.9
                                                     18.1
                                                           11.5
                                                                  2.8
                                                                        4.4
                                                                              13.6
## 9170
          17.5
                 6.3
                     -1.1
                             5.0
                                  11.8
                                        12.6
                                               18.3
                                                     16.5
                                                           14.8
                                                                  6.5
                                                                         2.9
                                                                               6.2
                     -2.1
                                                9.6
                                                           14.2
                                                                  7.7
## 9171
          14.4
               13.0
                             4.1
                                   8.1
                                          0.3
                                                     13.3
                                                                         3.0
                                                                               2.6
          10.5
               15.3 17.0
                                          2.1
                                                      8.0
                                                            9.4
## 9172
                           14.6
                                    5.0
                                                4.0
                                                                 17.1
                                                                       17.1
                                                                              14.9
## 9173
          10.3
                 0.2
                       1.0
                            12.8
                                    3.9
                                         -2.7
                                                4.5
                                                      5.8
                                                           14.6
                                                                 18.8
                                                                        12.8
                                                                               2.0
## 9174
          -0.4
                 7.2
                      16.6
                            16.9
                                    1.7
                                          5.9
                                               13.5
                                                     17.3
                                                           18.5
                                                                 16.5
                                                                        8.6
                                                                               1.2
## 9175
          -0.5
                -0.3
                       7.7
                             8.2
                                   8.3
                                        10.1
                                               11.0
                                                     12.6
                                                           14.0
                                                                 13.5
                                                                       12.0
                                                                             12.8
          11.9
                 7.8
                       6.7
                             7.2
## 9176
                                   8.7
                                         10.2
                                               12.3
                                                     14.1
                                                           13.6
                                                                 15.4
                                                                       15.7
                                                                              10.4
## 9177
           9.7
                 5.8
                       8.7
                             9.9
                                  10.8
                                        11.2
                                               13.7
                                                     13.5
                                                           14.8
                                                                 15.1
                                                                       15.3
                                                                             15.0
## 9178
          12.3
               11.6
                       9.5
                            15.5
                                   9.9
                                        13.4
                                               13.2
                                                      6.2
                                                           15.8
                                                                 12.9
                                                                       13.4
                                                                             13.7
## 9179
          12.4 12.2
                     10.2
                             9.5
                                   9.7
                                         5.6
                                                9.3
                                                     11.8
                                                           10.9
                                                                 13.3
                                                                       15.8
                                                                             16.6
## 9180
          15.9 11.6
                       9.2
                             9.8
                                   9.4
                                          7.9
                                                8.5
                                                     11.1
                                                           13.2
                                                                 14.0
                                                                       14.0
## 9181
          15.9 12.6
                       9.4
                             8.5
                                   9.1
                                          7.6
                                                8.1
                                                      8.8
                                                           10.6
                                                                 13.7
                                                                       12.9
                                                                              13.9
## 9182
          13.5
               11.9
                      10.5
                             6.7
                                   8.1
                                          5.2
                                                8.2
                                                     11.9
                                                           19.4
                                                                  1.9
                                                                       -5.5
                                                                              12.7
          17.2 18.1
                       5.7
                             8.6
## 9183
                                   0.1
                                        -3.3
                                               18.3
                                                     15.7
                                                            6.2
                                                                 14.5
                                                                        0.3
                                                                              -6.9
## 9184
         -11.7
                 7.0
                      -2.4
                            -3.5
                                  17.9
                                        16.2
                                                2.0
                                                     -3.5
                                                            6.9
                                                                 -1.4
                                                                        5.7
                                        -7.7
## 9185
         19.5
               23.3
                      20.8
                            14.8
                                  -3.8
                                                7.2
                                                     12.0
                                                           19.6
                                                                 20.0
                                                                       20.8
                                                                             15.5
                 1.9
                      -0.4
                            -7.7
                                  25.4
                                        14.5
                                                6.4
                                                     24.0
                                                           25.6
## 9186
          12.0
                                                                 23.0
                                                                        1.9
                                                                              25.5
          26.6
                 6.8
                     16.5
                            23.9
                                   8.2
                                        22.4
                                               26.1
                                                     23.3
                                                           14.3
## 9187
                                                                 24.6
                                                                        5.6
                                                                             19.9
                                               13.7
## 9188
                      23.4
                            30.0
                                  21.7
                                        16.6
                                                           27.4
          21.4 12.1
                                                     15.8
                                                                 14.9
                                                                       10.8
                                                                             19.8
          26.8 27.7
                      27.0
                            12.8
                                  13.2
                                        19.3
                                               22.4
                                                     26.1
                                                           27.7
                                                                 27.2
                                                                       17.4
## 9189
                                                                             10.6
                            25.6
                                  26.3
## 9190
          11.5
               18.1
                      22.4
                                        26.5
                                               23.9
                                                     20.1
                                                           12.4
                                                                 15.2
                                                                        9.4 - 11.6
## 9191
         -10.3
               -4.5
                       2.8
                            13.0
                                  17.2
                                        17.9
                                               19.2
                                                            8.4
                                                                  2.7
                                                                       -2.7
                                                                             -7.3
                                                     14.0
## 9192
         -7.3 -2.8
                       3.7
                            10.1
                                  14.6
                                        18.3
                                               18.9
                                                     14.8
                                                            5.1 - 1.5
                                                                       -6.8 -13.2
         -12.0
                1.3
                      10.3
                            16.7
## 9193
                                  18.7
                                        14.8
                                                6.9
                                                      1.1
                                                           -5.5 -14.9
                                                                       -8.5
                                                                             -2.1
## 9194
           3.8
               10.6
                      13.9
                            18.4
                                  18.1
                                        13.3
                                                7.1
                                                      0.4
                                                           -7.6 -12.6
                                                                       -7.6
                                                                             -3.5
                     17.5
                           19.2
## 9195
           5.0
                 8.8
                                 18.7
                                        14.5
                                                8.2
                                                      2.0
                                                           -6.7
                                                                -6.1
                                                                       -7.4
                                                                             -1.0
                                                      3.7
## 9196
           5.9 12.7 18.1
                            20.4
                                  16.0
                                        13.6
                                                7.0
                                                           -4.0 -9.4 -11.0
                                                                             -3.2
                                                    -0.4 -8.5 -8.3 -8.5
## 9197
           3.0 10.6 16.4 18.4 17.5 13.8
                                                9.6
                                                                             -5.7
```

```
## 9198
           4.9 10.2 15.6
                            20.4 17.6 13.6
                                                  6.6
                                                         1.4 -7.1 -14.6
                                                                          -7.7
                                                                                 -3.7
## 9199
           5.1
                11.3
                       15.8
                             17.4
                                    19.7
                                          12.3
                                                  4.5
                                                         3.9
                                                              -6.3
                                                                    -6.3
                                                                           -4.0
                                                                                   1.5
## 9200
           7.1
                 12.7
                       15.7
                              20.8
                                    19.3
                                          14.6
                                                  6.9
                                                         1.0
                                                              -3.9
                                                                    -9.2
                                                                           -9.0
                                                                                  -2.6
                       15.7
                              20.1
                                                                           -7.0
## 9201
           4.0
                 10.9
                                    19.1
                                           14.9
                                                  8.5
                                                         3.9
                                                             -4.3
                                                                    -8.9
                                                                                   0.4
## 9202
           4.9
                 11.6
                       15.9
                              20.0
                                    20.3
                                          13.5
                                                  8.6
                                                         0.0 - 10.3
                                                                     -7.9
                                                                           -1.1
                                                                                   3.8
## 9203
          11.9
                15.5
                       20.0
                             17.4
                                    13.8
                                           7.9
                                                 -0.4 - 10.3
                                                              -9.4
                                                                    -8.4
                                                                            3.6
                                                                                  10.5
                       13.9
                               9.2
                                    -1.0 -11.5 -15.4
                                                        -6.2
                                                               2.8
                                                                    12.9
## 9204
          16.7
                 18.2
                                                                           14.3
                               2.3
                                    -1.3
                                          -5.8
                                                 -3.1
                                                         3.2
                                                              11.9
## 9205
          19.8
                 16.7
                        6.0
                                                                    16.0
                                                                           19.4
                                                                                  18.8
                                    -6.4
## 9206
          14.4
                  8.4
                        2.8
                             -7.2
                                          -7.4
                                                 -5.7
                                                         5.4
                                                              10.9
                                                                    16.4
                                                                           18.9
                                                                                  17.8
                        0.4
                             -9.4
                                   -9.5
                                          -4.9
## 9207
          15.9
                 11.3
                                                 -1.6
                                                         2.8
                                                              12.2
                                                                    14.8
                                                                           21.1
                                                                                  19.6
  9208
          14.0
                  4.8
                       -2.1
                             -7.6 -10.9 -10.3
                                                 -3.9
                                                         3.7
                                                               8.8
                                                                    15.4
                                                                           19.9
                                                                                 17.7
                       -1.7
                                   -7.8
                                          -7.1
## 9209
          12.6
                  7.9
                              -5.2
                                                 -2.3
                                                         3.2
                                                              11.0
                                                                    16.7
                                                                           20.4
                                                                                 18.9
## 9210
          14.1
                  7.0
                        2.9
                              -2.8
                                    -5.9
                                          -7.3
                                                 -2.5
                                                         6.1
                                                              11.1
                                                                    18.9
                                                                           17.7
                                                                                  20.7
          14.9
                        1.2
                             -4.8 -12.2
                                            1.7
                                                  0.3
                                                              11.4
                                                                    15.7
                                                                           21.9
## 9211
                  9.8
                                                        -1.1
                                                                                  22.7
## 9212
          23.0
                 19.6
                       15.4
                               5.2
                                     6.8
                                           -2.0
                                                  3.0
                                                         7.7
                                                              11.3
                                                                    16.0
                                                                           16.0
                                                                                 15.5
## 9213
          12.9
                  9.0
                        5.7
                               1.0
                                    -1.9
                                            1.7
                                                  6.2
                                                         9.1
                                                              12.7
                                                                    14.0
                                                                           15.4
                                                                                  15.8
          14.5
                  8.0
                        8.9
                                    -6.4
                                            3.8
                                                  5.5
                                                         7.9
                                                              10.3
                                                                    15.1
                                                                           16.1
## 9214
                               2.7
                                                                                  16.6
## 9215
          13.7
                  9.3
                        5.9
                               6.7
                                     2.5
                                            3.7
                                                  3.1
                                                         9.3
                                                              12.1
                                                                    15.6
                                                                           16.8
                                                                    13.0
                                                                           15.9
## 9216
          14.3
                  9.7
                                            4.4
                                                  5.5
                                                         8.6
                                                              11.9
                        6.0
                               1.4
                                     1.5
                                                                                 16.3
## 9217
          10.6
                  4.5
                        5.3
                               4.8
                                     6.4
                                            8.7
                                                 12.0
                                                        13.0
                                                              16.5
                                                                    16.6
                                                                           14.2
                                                                                  10.7
                                                                    15.0
## 9218
           8.3
                  5.8
                        0.4
                               5.1
                                     4.4
                                            7.3
                                                 11.6
                                                        12.9
                                                              14.7
                                                                           13.9
                                                                                   9.1
## 9219
           9.1
                  4.9
                        3.4
                               2.8
                                     3.0
                                            6.9
                                                  9.9
                                                        13.6
                                                              14.6
                                                                    15.0
                                                                           13.0
                                                                                   9.5
## 9220
           2.7
                  2.1
                        2.9
                                     4.6
                                            9.2
                                                 13.1
                                                        13.3
                                                              17.2
                                                                    16.5
                                                                           13.2
                               1.5
                                                                                   9.2
           4.6
                 -2.0
                        2.3
                               6.1
                                     9.6
                                          13.9
                                                 15.0
                                                              16.0
                                                                    15.5
## 9221
                                                        15.7
                                                                            9.6
                                                                                   5.5
           6.6
                  6.2
                        7.8
                               6.6
                                     9.5
                                          14.9
                                                        19.8
                                                              18.2
                                                                           10.5
                                                                                   5.9
## 9222
                                                 17.5
                                                                    14.5
## 9223
           5.5
                  6.9
                       12.1
                              15.5
                                    15.9
                                          10.3
                                                  5.3
                                                         4.6
                                                               3.2
                                                                      5.3
                                                                            9.8
                                                                                  11.7
## 9224
          18.1
                11.3
                        6.2
                               7.3
                                     9.1
                                          16.4
                                                 18.6
                                                        13.6
                                                               5.2
                                                                     14.3
                                                                           16.2
                                                                                  15.9
                        8.3
                               5.6
## 9225
          14.1
                 11.0
                                     9.0
                                          12.8
                                                 17.1
                                                        15.7
                                                              11.6
                                                                      7.4
                                                                            5.6
                                                                                   4.6
## 9226
           7.9
                11.1
                       14.2
                              16.0
                                    15.5
                                          10.4
                                                  5.2
                                                         1.3
                                                               6.0
                                                                      7.3
                                                                            9.4
                                                                                 11.0
## 9227
          14.9
                16.0
                       16.7
                              15.8
                                    10.0
                                            6.9
                                                  5.9
                                                         2.9
                                                               5.4
                                                                      7.3
                                                                           11.6
                                                                                  13.5
## 9228
          17.0
                 15.4
                       14.2
                               9.4
                                     6.7
                                            4.0
                                                  4.9
                                                         4.2
                                                              11.4
                                                                     16.8
                                                                           15.7
                                                                                  14.7
## 9229
          10.5
                  6.9
                        6.0
                               6.3
                                    10.7
                                           15.6
                                                  8.9
                                                         7.5
                                                               3.2
                                                                      6.1
                                                                            6.2
                                                                                  10.5
## 9230
          11.0
                 15.6
                       17.2
                              15.5
                                    14.7
                                           10.0
                                                  4.7
                                                         3.9
                                                               4.3
                                                                      3.1
                                                                            6.7
                                                                                   9.5
                                                         5.1
## 9231
                 13.3
                       16.5
                              17.5
                                    15.0
                                           10.8
                                                                      5.7
                                                                            4.6
          11.7
                                                  8.5
                                                               5.0
                                                                                   9.5
## 9232
          11.8
                 16.2
                       17.8
                              10.1
                                     8.6
                                            5.9
                                                  7.2
                                                         5.4
                                                               8.0
                                                                     10.0
                                                                           12.9
                                                                                  16.9
                             12.2
## 9233
          18.6
                17.7
                       15.7
                                     5.6
                                            5.6
                                                  4.6
                                                               8.9
                                                                    11.6
                                                                           13.9
                                                                                  16.7
                                                         6.8
## 9234
          19.2
                18.7
                       14.5
                             11.2
                                     7.2
                                            5.9
                                                  3.7
                                                         3.8
                                                               8.2
                                                                    10.8
                                                                           13.7
                                                                                  14.3
## 9235
          16.9
                17.0
                       13.1
                             11.8
                                     5.0
                                            4.0
                                                  6.9
                                                         4.3
                                                               6.7
                                                                    10.0
                                                                           12.1
                                                                                  16.4
## 9236
          17.0
                 16.2
                       13.8
                               9.3
                                     6.0
                                            5.2
                                                  3.4
                                                         5.6
                                                               8.0
                                                                      8.9
                                                                           12.7
                                                                                  14.0
                                            4.2
## 9237
          17.7
                 16.2
                       13.2
                               9.4
                                     5.3
                                                  3.6
                                                         4.9
                                                               6.7
                                                                      7.1 11.7
                                                                                 12.9
## 9238
                 16.2
                       13.3
                               9.0
                                     7.9
                                            2.3
                                                                      9.8
                                                                                 16.1
          15.5
                                                  2.2
                                                         3.1
                                                               5.4
                                                                           12.1
## 9239
          18.4
                16.8
                       15.0
                             11.0
                                     8.4
                                            1.0
                                                  7.4
                                                         7.0
                                                               8.5
                                                                      9.6
                                                                           12.0
                                                                                 13.9
## 9240
          16.6
                18.4
                       15.1
                             11.2
                                     5.4
                                            4.4
                                                  4.7
                                                         3.5
                                                               8.0
                                                                      7.6
                                                                           11.2
                                                                                 15.3
                17.5
                                            3.2
                                                                      9.9
## 9241
          16.4
                       16.1
                             10.6
                                     5.5
                                                  3.9
                                                         5.2
                                                               6.4
                                                                           11.9
                                                                                 13.5
                17.7
                       15.9
                                                                      9.2
## 9242
          16.5
                             10.5
                                     7.8
                                            3.1
                                                  2.7
                                                         6.9
                                                               8.0
                                                                           12.9
                                                                                  16.0
                19.4
                       15.4
                                                         2.5
                                                                           14.2
## 9243
          17.8
                               9.4
                                     6.3
                                            1.8
                                                  4.5
                                                               6.9
                                                                    10.3
                                                                                  15.5
## 9244
          18.5
                18.7
                       17.0
                              13.5
                                     6.6
                                            4.9
                                                  5.5
                                                         8.4
                                                               9.1
                                                                      9.6
                                                                           13.9
                                                                                  17.7
          19.4
                       13.8
                              12.5
                                     5.1
                                            4.5
                                                  3.8
                                                         7.6
                                                                           14.2
## 9245
                18.4
                                                               9.0
                                                                    12.2
                                                                                 15.7
## 9246
          17.8
                18.4
                       14.4
                              11.3
                                    10.2
                                           -0.1
                                                  1.9
                                                         3.3
                                                               6.6
                                                                    10.2
                                                                           13.2
                                                                                 16.4
## 9247
          18.5
                18.2
                       15.9
                              10.5
                                     6.5
                                            1.7
                                                  4.3
                                                         3.9
                                                               6.4
                                                                    10.0
                                                                           15.5
                                                                                 15.9
          20.4
## 9248
                19.1
                       15.1
                             10.6
                                            4.4
                                                  5.3
                                                        -0.3
                                                               7.6
                                                                      3.0
                                                                           14.4
                                     8.1
                                                                                 14.2
## 9249
          17.8
                18.2
                        9.8
                               1.9 -10.1 -17.2 -22.8
                                                         4.9
                                                              -9.4
                                                                    10.1
                                                                           14.0
                                                                                 15.2
## 9250
          17.4 17.7
                       16.4 -0.8
                                     7.3 - 15.9
                                                  6.1
                                                         3.8
                                                              -8.4
                                                                    10.6
                                                                           12.8
                                                                                 17.9
## 9251
          18.4 18.0 15.1 10.6
                                     8.4
                                            1.6
                                                  4.0
                                                        16.9
                                                               2.8
                                                                      6.4 22.1
                                                                                 24.3
```

```
## 9252
           7.5 - 2.8
                       7.5 20.5 19.2
                                         8.6
                                                2.7
                                                     22.8 24.0
                                                                 20.1
                                                                         5.5
## 9253
          19.8 23.5
                       7.8
                            16.1
                                  13.8
                                        15.3
                                               21.8
                                                      5.2
                                                           -3.1
                                                                 11.0
                                                                       -2.1
                                                                              14.7
          18.8
## 9254
               23.1
                      24.2
                            19.5
                                  13.2
                                        -2.5
                                                2.6
                                                     17.7
                                                           21.6
                                                                 11.7
                                                                         4.9
                                                                              13.2
## 9255
                                  19.9
                                        -1.1
                                                     22.4
          17.8
                 4.8
                      12.8
                            21.7
                                                2.5
                                                           23.9
                                                                  8.1
                                                                         3.5
                                                                               6.5
## 9256
          15.7
                17.3
                      18.8
                            14.2
                                   7.0
                                         9.5
                                               21.4
                                                     22.1
                                                           21.7
                                                                 13.3
                                                                         4.9
                                                                              14.1
## 9257
          21.2 24.2
                       3.4
                             2.9
                                  15.5
                                        23.0
                                               18.8
                                                     13.2
                                                            2.2
                                                                  0.6
                                                                       -0.2
                                                                              12.2
          15.8 22.2
                      23.1
                            23.9
                                  19.5
                                        15.9
                                                5.6
                                                      6.6
                                                           -2.3
                                                                 15.9
## 9258
                                                                         2.1
           6.9 - 16.1
                       6.3
                            13.2
                                   3.2
                                        -8.4
                                               -5.5
                                                      3.6
                                                           20.4
                                                                 18.6
## 9259
                                                                       16.1
                                                                               9.3
## 9260
           4.6
               -7.2
                      -3.3
                             5.2
                                   9.6
                                        19.8
                                               16.9
                                                     -0.7
                                                           -9.3
                                                                  3.6
                                                                        12.0
                                                                              18.9
          20.1
               18.0
                      11.8 -4.4
                                  -6.2 -11.7
                                                           20.3
                                                                        20.0
                                                                              15.4
## 9261
                                                6.2
                                                     12.2
                                                                 20.4
## 9262
          11.2
                 0.5
                      -5.0 -12.3
                                  27.9
                                        24.3
                                               15.1
                                                      9.6
                                                           13.9
                                                                 18.5
                                                                        23.0
                      24.6
                           21.0
                                                                 24.3
## 9263
          27.5
                26.7
                                  16.1
                                        12.6
                                               11.8
                                                     15.1
                                                           18.8
                                                                        27.2
                                                                              27.3
## 9264
          27.9
                24.9
                      18.8
                           12.9
                                  10.8
                                        16.2
                                               16.5
                                                     18.9
                                                           23.1
                                                                 27.7
                                                                        26.5
                                                                              26.2
## 9265
          19.7
                15.4
                      10.2 10.6
                                        19.3
                                               20.8
                                                     22.6
                                                           27.4
                                                                 27.0
                                                                        26.5
                                                                              20.3
                                  14.3
## 9266
          15.9
                 9.0
                     12.0
                            13.1
                                  17.5
                                        23.8
                                               26.2
                                                     27.4
                                                           27.4
                                                                 25.2
                                                                        21.3
                                                                              18.9
## 9267
          13.6
               13.4
                      21.0
                            27.4
                                  21.1
                                         10.2
                                               14.0
                                                     17.6
                                                           24.4
                                                                 26.8
                                                                        26.8
                                                                              24.3
## 9268
          19.0 17.4
                      14.5
                            14.7
                                  18.8
                                        23.7
                                               26.0
                                                     26.7
                                                           26.8
                                                                 24.8
                                                                        23.1
                                                                              14.3
## 9269
          13.8 18.3
                      15.2
                            14.3
                                  16.9
                                        24.3
                                               26.4
                                                     26.8
                                                           24.9
                                                                 21.8
                                                                       12.8
                                                                              10.2
                                               28.4
## 9270
          12.2 11.9
                      16.3
                            18.4
                                  23.6
                                        26.9
                                                     28.8
                                                           25.7
                                                                 22.3
                                                                       12.5
                                                                              14.0
## 9271
          14.7
                13.9
                      15.4
                            18.5
                                  23.9
                                        29.0
                                               28.7
                                                     24.9
                                                           17.9
                                                                 14.0
                                                                       11.7
                                                                              12.6
          13.0
               17.8
## 9272
                      19.0
                            25.8
                                  27.9
                                        28.2
                                               27.3
                                                     21.1
                                                           14.1
                                                                 11.8
                                                                       11.9
                                                                              13.9
## 9273
          14.8
               22.0
                      22.0
                            27.3
                                  28.4
                                        29.4
                                               27.3
                                                     20.9
                                                           14.0
                                                                 10.9
                                                                       10.8
                                        27.8
                                               26.5
## 9274
          17.7
               21.1
                      25.2
                            26.4
                                  28.4
                                                     20.0
                                                           14.9
                                                                 12.2
                                                                         9.4
                                                                              15.8
                18.7
                      24.7
                            26.0
                                  27.2
                                        27.9
                                               24.2
                                                     21.0
                                                           14.5
                                                                 15.3
                                                                       14.7
                                                                              17.0
## 9275
          15.9
          15.4
               20.4
                      24.9
                            27.5
                                  28.6
                                        27.9
                                               25.3
                                                           16.6
                                                                 11.2
                                                                              14.4
## 9276
                                                     18.5
                                                                         7.0
                            27.5
## 9277
          19.5
                23.3
                      27.2
                                  27.2
                                        26.4
                                               20.1
                                                     16.8
                                                           10.5
                                                                  9.8
                                                                       13.9
## 9278
          18.7
                24.3
                      26.4
                            27.0
                                  27.3
                                        26.0
                                               22.2
                                                     14.7
                                                           11.3
                                                                 10.3
                                                                       10.5
                                                                              12.4
## 9279
                      26.6
                            27.8
                                  27.2
                                        26.0
                                               22.0
                                                            9.6
          19.8
                21.9
                                                     16.2
                                                                  8.3
                                                                        14.0
                                                                              17.2
## 9280
                      25.3
                           27.3
                                  26.3
                                        25.6
                                                           12.5
          17.8
               22.6
                                               19.5
                                                     16.3
                                                                   9.4
                                                                       15.4
                                                                              13.6
                      25.6
## 9281
          17.5
                24.7
                            27.5
                                  27.1
                                        24.9
                                               21.2
                                                     13.4
                                                           10.4
                                                                   8.5
                                                                         9.0
                                                                              16.1
                                                            7.6
## 9282
          20.6
               23.9
                      26.2
                            26.8
                                  27.4
                                        25.2
                                               21.0
                                                     14.8
                                                                   9.1
                                                                         9.2
                                                                              14.7
## 9283
          19.6
                23.2
                      26.5
                            26.2
                                  26.7
                                        25.4
                                               18.2
                                                     17.3
                                                           13.1
                                                                 11.3
                                                                        11.5
                                                                              14.1
                23.5
                      25.5
                            27.3
                                  26.9
                                        26.4
## 9284
          21.3
                                               20.5
                                                     17.5
                                                           11.6
                                                                   9.2
                                                                        11.8
                                                                              14.8
          20.1
## 9285
                23.9
                      25.2
                            28.4
                                  27.5
                                        25.4
                                               21.4
                                                     16.0
                                                           11.0
                                                                 10.8
                                                                       11.0
                                                                              17.3
## 9286
          22.4
                23.0
                      25.0
                            25.6
                                  25.5
                                        23.0
                                               18.9
                                                     13.8
                                                           13.6
                                                                  9.2
                                                                        7.9
                                                                              12.7
## 9287
          20.5
               27.6
                      27.5
                            27.3
                                  26.1
                                        21.5
                                               13.5
                                                     10.0
                                                           11.0
                                                                 11.2
                                                                       11.9
                                                                              19.3
## 9288
          22.8
               27.3
                      28.3
                            28.2
                                  25.2
                                        21.3
                                               13.6
                                                     10.6
                                                            7.4
                                                                 10.0
                                                                       14.7
## 9289
          25.8
               27.9
                      27.5
                            26.7
                                  21.6
                                        13.2
                                               13.8
                                                     12.1
                                                           12.5
                                                                 14.5
                                                                        22.3
                                                                              25.9
## 9290
          26.9
               27.1
                      26.2
                            22.6
                                  10.8
                                        10.2
                                               17.3
                                                     23.0
                                                           26.5
                                                                 28.2
                                                                        26.8
                                                                              25.7
                      13.0
                                        25.3
                                               28.0
## 9291
          21.8 11.2
                            18.0
                                  19.1
                                                     27.7
                                                           26.3
                                                                 19.5
                                                                       12.1
                                                                             12.6
## 9292
          14.8
               18.0
                      23.7
                            26.5
                                  26.9
                                        27.0
                                               21.3
                                                     15.6
                                                           10.9
                                                                  9.3
                                                                       15.1
                                                                       17.0
## 9293
          22.7
                26.2
                      27.9
                            27.7
                                  25.4
                                        17.3
                                               11.0
                                                      9.7
                                                            5.7
                                                                 10.6
                                                                              23.8
                28.8
                      28.0
                            26.6
                                  18.8
                                        16.5
## 9294
          28.4
                                               11.0
                                                      5.9
                                                            8.1
                                                                 13.8
                                                                        24.7
                                                                              28.3
## 9295
          28.4
                28.3
                      26.7
                            20.6
                                  18.9
                                                8.0
                                                     10.5
                                                           15.6
                                                                 22.6
                                        13.3
                                                                        26.3
                                                                              26.7
                      20.4
                            14.9
                                                9.9
## 9296
          27.3
                25.1
                                  10.9
                                        12.5
                                                     15.6
                                                           23.3
                                                                 26.5
                                                                        28.7
                                                                              27.2
                      11.2
                             8.2
                                  12.2
                                               22.2
                                                                 27.3
## 9297
          19.4
               15.4
                                        15.1
                                                     28.3
                                                           28.7
                                                                        25.0
                                                                              20.3
## 9298
          16.5
                10.7
                      10.4
                            13.3
                                  16.4
                                        23.3
                                               27.0
                                                     26.7
                                                           26.9
                                                                 25.4
                                                                        21.6
                                                                              16.8
## 9299
          14.4
                 8.6
                      11.4
                            13.0
                                  22.5
                                        25.2
                                               28.6
                                                                 21.0
                                                                              10.5
                                                     27.8
                                                           24.0
                                                                        15.5
## 9300
           8.6
               11.3
                      14.7
                            22.6
                                  25.5
                                        26.6
                                               26.4
                                                     25.2
                                                           23.2
                                                                 14.4
                                                                        16.5
                                                                               8.0
                17.5
                      23.6
                                        26.4
                                                           20.2
## 9301
          11.5
                            26.2
                                  26.9
                                               25.0
                                                     23.1
                                                                 10.7
                                                                        10.2
                                                                              14.5
## 9302
          16.0
                28.0
                      28.3
                            26.9
                                  26.3
                                        22.2
                                               20.1
                                                     12.1
                                                           10.1
                                                                 12.2
                                                                       15.5
                                                                              23.6
                                                           10.9
                                                                       22.2
## 9303
          26.4 28.0
                     28.7
                            24.8
                                  17.3
                                        16.0
                                               13.4
                                                      8.6
                                                                 15.6
                                                                              25.5
## 9304
                                        12.0
          26.9 27.1 25.6
                           18.7
                                  17.8
                                               15.8 13.7
                                                           17.0
                                                                 23.9
                                                                       25.3
                                                                              26.4
                                        12.5 16.0 17.3 23.5
## 9305
          26.7 24.5 19.4 15.3
                                  7.9
                                                                26.9 27.0
                                                                              28.2
```

```
## 9306
          26.4 21.6 16.9 14.6 11.2 14.6 17.0 25.4
                                                             26.6
                                                                   27.4
                                                                          26.9
                                                                                25.8
## 9307
          21.0
                13.2
                       13.0
                             10.5
                                   13.7
                                          15.4
                                                22.1
                                                       26.4
                                                             27.8
                                                                   25.8
                                                                          25.2
                                                                                19.8
                       28.0
                                   14.4
                                                                          27.6
## 9308
          14.6
                28.1
                             20.4
                                          26.6
                                                16.7
                                                       14.0
                                                             12.1
                                                                   24.0
                                                                                28.2
                             10.7
                                    14.0
## 9309
          25.2
                27.5
                       16.2
                                          26.7
                                                12.7
                                                       11.9
                                                             27.9
                                                                    26.4
                                                                           8.9
                                                                                24.5
## 9310
          28.6
                29.0
                       28.8
                             26.4
                                   21.9
                                          16.8
                                                22.0
                                                       17.2
                                                             15.0
                                                                    21.4
                                                                          15.3
                                                                                14.6
## 9311
          23.2
               27.4
                       27.2
                            16.4
                                   24.1
                                          27.8
                                                28.3
                                                       26.9
                                                             22.8
                                                                   11.7
                                                                          10.7
                                                                                22.5
                28.8
                       26.5
                             21.9
                                   19.8
                                          11.6
                                                14.5
                                                       21.6
                                                             25.2
                                                                    28.7
## 9312
          25.4
                                                                          30.4
                22.3
                      17.3
                             16.9
                                    16.2
                                          20.7
                                                25.3
                                                       27.7
## 9313
          26.7
                                                             29.8
                                                                   27.4
                                                                          22.0
                                                                                16.4
                                          27.7
## 9314
          12.4
                  8.3
                       18.1
                             27.7
                                    28.3
                                                23.1
                                                       15.5
                                                             16.7
                                                                    25.1
                                                                          28.3
                                                                                28.4
          28.7
                             14.9
                                   20.6
                                          24.0
                                                26.8
                                                             27.9
                                                                          12.7
                                                                                11.4
## 9315
                14.3
                       14.1
                                                       27.5
                                                                   18.8
## 9316
          12.0
                18.3
                       22.8
                             26.5
                                   27.1
                                          27.3
                                                25.2
                                                       22.2
                                                             13.8
                                                                   16.6
                                                                           9.5 - 12.8
                                   -2.2
## 9317
          17.0
                 3.5
                       13.3 -11.4
                                           4.1
                                                16.2
                                                        8.6
                                                             20.2
                                                                     8.1
                                                                                12.6
                                                                          -1.1
## 9318
          21.0
                -2.4
                       -3.4
                            11.3
                                   17.6
                                          -7.1 - 17.4
                                                       12.3
                                                             18.4
                                                                   18.7
                                                                          15.8
                                                                                -4.4
## 9319
         -13.9
                -6.1
                        3.6 - 10.5
                                          10.7
                                                17.8
                                                       20.2
                                                             -0.2
                                                                   -7.9
                                                                          -9.0 -15.3
                                     2.1
## 9320
           4.4
                11.7
                       19.0
                             20.4
                                   19.8
                                          14.6
                                                 9.0
                                                       -2.1
                                                             -8.9 -17.5
                                                                          17.0
                                                                                13.0
## 9321
          25.9
                30.0
                       16.6
                             28.1
                                    29.9
                                          17.9
                                                13.7
                                                       13.4
                                                             20.0
                                                                   24.7
                                                                          29.0
                                                                                26.2
## 9322
          14.5
                15.0
                       18.4
                             24.9
                                   29.9
                                          30.4
                                                29.1
                                                       22.4
                                                             18.2
                                                                   14.5
                                                                          29.2
                                                                                28.9
## 9323
          30.8
                23.0
                       18.8
                             10.1
                                   14.0
                                          20.1
                                                26.5
                                                       28.2
                                                             26.5
                                                                   22.7
                                                                          17.8
                                                                                23.1
                30.2
## 9324
          27.3
                       28.7
                             26.1
                                   22.5
                                          18.1
                                                13.7
                                                       17.8
                                                             23.2
                                                                   27.0
                                                                          30.4
                                                                                31.7
## 9325
          31.0
                16.3
                       21.3
                             26.5
                                   29.9
                                          16.4
                                                31.3
                                                       25.6
                                                             13.5
                                                                    22.7
                                                                          30.3
                                                                                30.9
                             12.4
## 9326
          29.0
                25.3
                       19.0
                                   23.7
                                          21.4
                                                16.5
                                                       24.1
                                                             26.6
                                                                   30.7
                                                                          22.4
                                                                                19.5
## 9327
          10.5
                21.8
                       27.7
                             30.0
                                   30.1
                                          14.5
                                                14.9
                                                       21.3
                                                             27.2
                                                                   29.9
                                                                          31.0
                                                23.8
## 9328
          23.7
                15.9
                      15.3
                             27.1
                                    31.4
                                          26.6
                                                       20.8
                                                             14.1
                                                                   13.9
                                                                          13.0
                                                                                24.1
## 9329
          26.8
                29.3
                       29.1
                             30.9
                                    29.6
                                          25.9
                                                19.0
                                                       20.3
                                                             12.8
                                                                   14.6
                                                                          23.0
                                                                                24.3
                       10.4
                                                       22.2
          23.9
                22.9
                              1.1
                                     3.2
                                           4.4
                                                             23.0
                                                                   21.5
                                                                                12.0
## 9330
                                                10.7
                                                                          16.4
## 9331
           6.2
                -0.1
                       12.8
                             21.8
                                    25.6
                                          22.1
                                                17.7
                                                        8.4
                                                              2.8
                                                                     2.7
                                                                          22.5
## 9332
          23.9
                21.0
                       12.1
                              5.6
                                     6.3
                                           6.8
                                                 7.7
                                                       12.4
                                                             17.9
                                                                   23.5
                                                                          26.6
                                                                                25.0
## 9333
                17.9
                        9.7
                                                 5.4
                                                             16.8
                                                                    22.9
                                                                                23.8
          20.1
                              6.0
                                     9.1
                                           4.1
                                                       10.6
                                                                          24.5
                        9.6
                                                             17.3
## 9334
          20.1
                16.5
                              2.3
                                     4.5
                                           3.0
                                                 7.1
                                                       12.3
                                                                   22.3
                                                                          25.4
                                                                                24.3
## 9335
          21.4
                16.7
                        5.4
                              5.0
                                     4.8
                                           6.4
                                                13.6
                                                       17.7
                                                             24.5
                                                                    26.8
                                                                          25.0
                                                                                21.4
                             24.6
## 9336
          13.6
                20.4
                       26.7
                                    21.5
                                           9.5
                                                 2.9
                                                        6.0
                                                              7.3
                                                                   14.7
                                                                          17.0
                                                                                23.4
##
  9337
          25.6
                24.5
                       22.9
                             17.4
                                     3.7
                                           1.8
                                                 2.8
                                                        8.8
                                                             14.3
                                                                   19.1
                                                                          21.1
                                                                                27.3
                              8.5
                                                                          23.2
                                                                                25.0
## 9338
          26.1
                21.9
                       16.1
                                     1.5
                                           1.4
                                                  5.2
                                                        6.4
                                                             11.4
                                                                   17.2
                                                                          23.9
## 9339
          24.5
                20.4
                       16.2
                              9.4
                                     8.2
                                                  4.7
                                                        7.1
                                                             13.9
                                                                   19.2
                                                                                25.7
                                           1.0
## 9340
          23.4
                22.1
                       13.3
                             10.4
                                     5.8
                                           1.1
                                                 -0.4
                                                        4.9
                                                             12.6
                                                                   17.7
                                                                          21.4
                                                                                25.9
                                           3.4
## 9341
          24.2 20.6
                       15.1
                             10.6
                                     0.7
                                                 7.3
                                                       13.9
                                                             20.0
                                                                   23.9
                                                                          25.3
                                                                                26.2
## 9342
          22.5
                17.2
                        9.1
                              5.5
                                     3.5
                                           3.5
                                                 1.4
                                                       15.1
                                                             17.5
                                                                   22.7
                                                                          23.8
                                                                                24.9
## 9343
          21.4
                15.2
                        9.4
                              0.7
                                    -0.1
                                           3.0
                                                 8.0
                                                       16.6
                                                             22.0
                                                                   24.7
                                                                          23.6
                                                                                23.1
## 9344
          16.2
                  9.5
                        3.0
                              2.1
                                     1.7
                                           6.5
                                                12.6
                                                       19.2
                                                             22.6
                                                                    23.5
                                                                          23.9
                                                                                19.7
                                   -0.4
## 9345
          15.9
                  8.6
                        1.6
                              0.7
                                           8.5
                                                14.2
                                                      19.3
                                                             21.7
                                                                   24.7
                                                                          24.3
                                                                                18.4
## 9346
          16.3
                11.4
                              3.1
                                     2.8
                                           8.2
                                                11.7
                                                       19.1
                                                             23.4
                                                                    24.9
                                                                          23.4
                        1.1
## 9347
          13.2
                11.2
                        4.9
                              3.2
                                     6.0
                                          11.1
                                                19.5
                                                       21.7
                                                             24.3
                                                                   24.0
                                                                          21.1
                                                                                13.3
           9.7
                  6.3
                              2.9
                                    7.6
                                                             25.2
## 9348
                        2.0
                                          10.8
                                                16.7
                                                       23.1
                                                                   14.8
                                                                          10.2
                                                                                  3.6
           5.0
                  2.0
                             13.6
                                          25.0
                                                23.6
                                                       18.5
                                                                     7.0
## 9349
                        5.7
                                   21.7
                                                             14.4
                                                                           4.1
                                                                                -0.4
## 9350
           0.3
                  7.5
                       12.8
                             16.6
                                    23.0
                                          10.5
                                                  3.1
                                                        0.8
                                                              2.1
                                                                     5.0
                                                                          14.3
                                                                                18.6
          24.2
                       25.3
                             22.1
                                    14.5
                                           7.8
                                                  2.1
                                                        2.7
## 9351
                25.3
                                                              5.3
                                                                   18.6
                                                                          23.2
                                                                                26.0
                              9.8
                                           3.8
##
  9352
          26.4
                23.9
                       16.8
                                    -1.2
                                                 6.3
                                                       17.1
                                                             24.4
                                                                    25.6
                                                                          23.9
                                                                                20.6
## 9353
          13.7
                  9.4
                        3.1
                             -1.2
                                     3.1
                                           6.8
                                                       22.0
                                                             26.1
                                                                   23.8
                                                                                15.1
                                                19.3
                                                                          21.0
## 9354
          10.7
                  7.7
                        3.3
                              3.1
                                     8.6
                                          17.8
                                                23.3
                                                       26.9
                                                             26.2
                                                                    22.3
                                                                          15.8
                                                                                10.2
                        5.5
                              5.1
                                          23.8
                                                             20.2
## 9355
           3.2
                -0.1
                                    18.2
                                                24.2
                                                       24.9
                                                                    17.8
                                                                           8.2
                                                                                -0.3
## 9356
           3.1
                  9.0
                       19.1
                             22.6
                                    25.6
                                          24.5
                                                21.8
                                                       17.0
                                                             12.9
                                                                     3.0
                                                                           1.7
                                                                                  2.3
                      24.0
## 9357
           8.0
                19.4
                             26.9
                                   23.8
                                          21.3
                                                16.4
                                                        9.3
                                                              4.7
                                                                     1.7
                                                                           7.5
                                                                                18.5
## 9358
          23.8
                23.9
                       20.0
                             11.1
                                     9.3
                                           4.8
                                                -0.8
                                                        2.3
                                                             16.9
                                                                   21.9
                                                                          25.4
                                                                                25.5
## 9359
                                                 7.0
          19.6 11.6
                       8.9
                              3.2
                                     4.2
                                           3.0
                                                      17.4 24.2
                                                                   25.2
                                                                          21.7
                                                                                15.8
```

```
## 9360
           9.7 - 1.7
                         6.3
                               7.5
                                     9.1 17.7 23.1
                                                        26.2
                                                              24.4
                                                                     20.7
                                                                           17.4
## 9361
           7.7
                  4.1
                         6.0
                              23.8
                                    26.1
                                           25.4
                                                  15.5
                                                         6.7
                                                                4.4
                                                                      4.9
                                                                             6.8
                                                                                  16.3
          25.7
                                                              24.2
## 9362
                 21.2
                       10.2
                               4.8
                                    20.2
                                           25.4
                                                   2.3
                                                        16.9
                                                                     13.4
                                                                             3.0
                                                                                  26.2
                                     4.9
                                                        24.4
                                                                     23.6
## 9363
           3.2
                 11.8
                       18.8
                              19.3
                                           13.9
                                                  17.7
                                                              25.3
                                                                            21.9
                                                                                  14.6
##
  9364
           0.5
                 13.9
                       24.6
                              25.5
                                    20.5
                                           15.1
                                                  11.3
                                                         1.3
                                                               15.4
                                                                     20.5
                                                                            26.3
                                                                                  27.6
## 9365
          25.9
                 15.6
                         9.7
                               5.2
                                    15.1
                                           20.0
                                                  25.0
                                                        27.4
                                                              25.1
                                                                     14.9
                                                                            11.5
                                                                                   5.2
                 14.0
                       20.8
                              23.8
                                     28.1
                                           21.4
                                                  16.1
                                                         7.8
                                                                4.5
                                                                      3.5
## 9366
           6.1
                                                                            13.6
                                                                                  18.7
                 23.3
                       15.7
                                    -0.3
                                            2.1
                                                  12.2
                                                              23.4
## 9367
          26.1
                               8.3
                                                        18.8
                                                                     24.6
                                                                            21.5
                                                                                  16.4
                                    20.3
##
  9368
           7.8
                  1.1
                       -2.3
                              13.3
                                           24.0
                                                  22.6
                                                        14.8
                                                               11.6
                                                                      2.3
                                                                             4.4
                                                                                  12.9
                 23.6
                       27.0
                              26.6
                                    23.1
                                                  10.3
                                                         4.9
                                                                4.8
                                                                                  18.0
##
  9369
          16.8
                                           16.8
                                                                      7.4
                                                                            16.4
          26.5
  9370
                 23.9
                       21.4
                              17.5
                                     9.8
                                            3.4
                                                   0.8
                                                         7.0
                                                               26.1
                                                                     17.5
                                                                             8.0
                                                                                   4.8
## 9371
                              27.3
                                                                      5.9
          15.5
                 21.3
                       24.4
                                    25.7
                                           23.8
                                                  18.0
                                                         8.3
                                                                5.4
                                                                             6.9
                                                                                  13.0
## 9372
          17.0
                 24.4
                       25.9
                              21.5
                                     2.7
                                            3.4
                                                  14.2
                                                        18.7
                                                               24.5
                                                                     26.6
                                                                            26.6
                                                                                  23.2
## 9373
          19.5
                 10.0
                         9.2
                               2.3
                                    -2.5
                                           -0.6
                                                  -2.4
                                                                9.9
                                                                     18.5
                                                         6.1
                                                                            22.1
                                                                                  17.9
## 9374
          13.5
                  7.7
                         3.2
                              -2.4
                                    -5.4
                                           26.5
                                                  18.1
                                                         8.1
                                                                4.5
                                                                     29.1
                                                                             5.6
                                                                                  26.6
                  5.9
## 9375
          20.2
                         4.9
                              14.6
                                     10.0 -26.4
                                                  -9.5
                                                        -6.5 -22.2
                                                                     -5.4
                                                                            12.2
                                                                                  19.1
## 9376
          21.2
                 21.4
                       19.8
                               9.7
                                    -1.9
                                            1.7
                                                  21.8
                                                        23.4
                                                              23.7
                                                                     14.2
                                                                             7.4
                                                                                  14.7
## 9377
          16.5
                 22.1
                       20.6
                              18.0
                                    14.7
                                            7.1
                                                  -1.3
                                                         6.1
                                                                9.9
                                                                     21.3
                                                                            22.4
                                                                                  14.0
           5.9
                                                                     17.1
## 9378
                 14.8
                       19.9
                              21.6
                                    23.2
                                           23.1
                                                   4.5
                                                         4.2
                                                              11.0
                                                                            23.1
                                                                                  25.4
## 9379
          22.6
                 18.2
                         2.0
                               0.1
                                     0.1
                                           11.5
                                                  15.8
                                                        22.2
                                                              24.1
                                                                     24.4
                                                                            20.6
                                                                                  16.8
                                                                     16.3
## 9380
           7.2
                  6.8
                       -2.4
                              11.5
                                    -3.0
                                           -1.1
                                                  10.8
                                                        26.1
                                                              -0.4
                                                                            11.1
                                                                                  -0.6
## 9381
          -9.7
                 11.3
                       16.5
                               6.0
                                    -1.2
                                            9.9
                                                  16.4
                                                        23.2
                                                              13.7
                                                                      7.4
                                                                            15.0
                                                                                  22.9
          18.9
## 9382
                 -4.2
                       19.9
                              -2.4
                                    -2.7
                                            8.5
                                                  14.7
                                                        22.1
                                                              23.9
                                                                     21.9
                                                                             6.1
                                                                                  -1.8
  9383
           -3.7
                 -9.6
                       10.4
                              15.1
                                    22.8
                                           23.7
                                                  23.0
                                                        19.5
                                                               13.6
                                                                      3.6
                                                                                  -8.8
##
                                                                             1.2
           7.9
                  4.8
                       10.6
                              18.5
                                    19.2
                                           24.3
                                                  27.0
                                                        27.9
                                                              21.9
                                                                                   6.3
## 9384
                                                                     15.3
                                                                            10.8
                                                  26.5
  9385
           5.3
                  2.8
                       14.6
                              14.1
                                    21.8
                                           25.5
                                                        30.5
                                                              24.4
                                                                     18.6
                                                                             9.9
                                                                                   7.9
## 9386
           2.8
                  6.5
                       10.3
                              14.5
                                    19.3
                                           25.6
                                                  26.7
                                                        26.1
                                                              23.3
                                                                     15.7
                                                                             8.0
                                                                                   4.8
  9387
                       11.1
                              15.2
                                    19.8
                                           25.5
                                                                     13.8
##
            1.8
                  6.6
                                                  24.7
                                                        25.1
                                                               22.4
                                                                            10.7
                                                                                   4.0
                         9.3
                                    21.2
                                           27.4
                                                               23.3
                                                                     16.3
## 9388
           0.7
                  1.3
                              17.7
                                                  28.0
                                                        27.7
                                                                            10.5
                                                                                   1.4
## 9389
            1.6
                  6.5
                       10.7
                              17.1
                                    19.6
                                           26.1
                                                  28.3
                                                        26.9
                                                               20.6
                                                                     14.8
                                                                            11.1
                                                                                   6.6
## 9390
           6.5
                  7.8
                       16.2
                              16.7
                                     22.7
                                           25.9
                                                  28.3
                                                        25.1
                                                               21.6
                                                                     14.7
                                                                             7.5
                                                                                   8.1
##
  9391
           5.6
                  5.3
                         7.2
                              15.1
                                    19.7
                                           24.6
                                                  25.4
                                                        25.5
                                                              22.8
                                                                     16.6
                                                                             7.2
                                                                                   5.2
                         8.5
                              16.2
                                           25.5
##
  9392
           0.2
                  4.0
                                    20.7
                                                  25.0
                                                        26.5
                                                               21.8
                                                                     15.7
                                                                             6.7
                                                                                   6.2
## 9393
           2.4
                 -0.4
                       10.5
                              16.3
                                    21.4
                                           25.3
                                                  27.1
                                                        24.8
                                                              23.0
                                                                     16.5
                                                                            12.1
                                                                                  11.9
## 9394
            1.9
                  6.1
                       13.6
                              16.1
                                    19.8
                                           25.5
                                                  27.3
                                                        26.8
                                                              24.3
                                                                     19.5
                                                                            13.0
                                                                                   6.1
## 9395
           8.4
                 10.7
                       12.2
                             18.7
                                    20.9
                                           24.4
                                                  27.2
                                                        25.0
                                                              21.8
                                                                     16.8
                                                                            11.2
                                                                                   4.9
## 9396
           2.0
                 10.2
                       10.4
                              12.9
                                    23.8
                                           26.4
                                                  27.3
                                                        26.4
                                                              24.7
                                                                     16.9
                                                                             8.0
                                                                                   7.3
## 9397
           4.5
                  9.4
                         9.5
                              16.7
                                    22.6
                                           25.0
                                                  27.4
                                                        26.9
                                                              26.9
                                                                     17.6
                                                                             7.8
                                                                                   9.1
## 9398
           6.5
                  6.4
                       13.3
                              14.5
                                    19.3
                                           24.1
                                                  26.7
                                                        25.0
                                                              21.3
                                                                     16.9
                                                                            10.6
                                                                                   5.4
           4.6
                         7.0
## 9399
                  3.9
                              14.2
                                    20.7
                                           23.4
                                                  31.9
                                                        33.8
                                                              34.1
                                                                     24.4
                                                                            18.6
                                                                                  12.0
## 9400
           6.0
                         8.8
                              16.4
                                    20.0
                                           24.6
                                                  28.1
                                                        31.3
                                                              29.5
                                                                     24.7
                  8.1
                                                                            17.2
## 9401
           7.2
                  6.6
                         7.9
                              12.0
                                    15.2
                                           22.6
                                                  27.8
                                                        28.3
                                                              29.2
                                                                     26.5
                                                                            18.4
                                                                                   9.9
                         4.9
                              10.5
                                    17.6
                                           22.8
                                                  27.4
                                                               29.0
                                                                     25.3
## 9402
           3.6
                  5.3
                                                        27.2
                                                                            20.6
                                                                                   9.5
           7.6
                  4.9
                         5.5
                              11.8
                                           21.4
                                                  26.4
                                                               28.3
                                                                     26.3
## 9403
                                    18.7
                                                        28.7
                                                                            19.2
                                                                                  12.2
                       11.8
                              14.5
                                           20.5
                                                  26.5
                                                        29.6
                                                                     25.8
## 9404
           8.5
                  6.8
                                    17.4
                                                               28.1
                                                                            20.4
                                                                                  14.8
           7.4
                       15.6
                              17.7
                                    21.6
                                           25.9
                                                  29.4
## 9405
                 12.4
                                                        26.7
                                                               24.4
                                                                     18.0
                                                                            13.7
                                                                                   6.2
## 9406
           4.5
                  6.4
                       14.0
                              14.8
                                    24.8
                                           29.1
                                                  30.4
                                                        28.9
                                                              23.4
                                                                     17.2
                                                                             9.3
                                                                                   6.3
## 9407
           5.7
                       10.3
                              17.6
                                    21.3
                                           25.5
                                                  28.1
                                                              28.0
                                                                     16.2
                                                                             9.9
                  7.7
                                                        30.2
                                                                                   8.1
## 9408
           8.2
                  7.6
                       15.0
                              16.6
                                    22.5
                                           27.1
                                                  29.3
                                                        28.9
                                                              22.2
                                                                     16.4
                                                                            13.5
                                                                                   7.5
                       14.2
                                           26.3
                                                  27.8
                                                                     20.2
## 9409
           6.6
                  2.3
                              16.0
                                    20.4
                                                        28.3
                                                              26.1
                                                                            12.7
                                                                                  13.0
## 9410
           5.1
                         5.3
                               7.6
                                    10.2
                                           13.1
                                                  16.2
                                                        18.4
                                                               16.7
                                                                     15.7
                                                                            11.3
                                                                                   7.1
                  8.0
## 9411
            4.9
                  3.8
                         6.5
                               8.5
                                     9.4
                                           13.7
                                                  14.6
                                                        18.4
                                                              17.3
                                                                     14.6
                                                                            10.2
                                                                                   6.9
## 9412
            4.4
                  3.5
                         4.5
                               6.3
                                     7.3
                                           12.4
                                                  14.7
                                                        16.8
                                                              17.5
                                                                     15.1
                                                                             9.0
                                                                                   9.6
## 9413
            2.8
                  4.0
                         4.9
                               5.5
                                     9.0
                                           12.5
                                                 16.3
                                                        19.4 18.7
                                                                    15.8
                                                                           10.8
                                                                                   8.1
```

```
## 9414
           3.3
                  7.6
                         7.5
                               8.4
                                      8.9 10.9 13.7 16.6 17.1
                                                                    15.1
                                                                                    6.2
## 9415
                  5.4
                         4.0
                               7.3
                                     7.1
                                           10.6
                                                  14.1
                                                        17.8
                                                              17.5
                                                                     16.8
                                                                                    6.2
           6.2
                                                                            11.2
                                    10.4
## 9416
           4.0
                  4.3
                         4.1
                               6.2
                                           12.0
                                                  13.7
                                                        16.6
                                                               19.9
                                                                     14.7
                                                                            11.6
                                                                                    8.1
                                      9.5
## 9417
           3.6
                  2.2
                         6.4
                               8.8
                                           12.4
                                                  15.4
                                                        17.9
                                                               20.8
                                                                     17.5
                                                                             8.4
                                                                                    5.7
## 9418
           4.3
                  5.9
                         5.4
                               9.2
                                    10.4
                                           13.3
                                                  14.4
                                                        19.5
                                                               20.6
                                                                     17.0
                                                                            12.6
                                                                                    7.8
## 9419
           7.4
                  6.9
                         8.2
                              10.1
                                    10.0
                                           13.0
                                                  18.3
                                                        19.6
                                                               19.1
                                                                     15.0
                                                                            13.2
                                                                                    6.7
## 9420
           5.9
                  6.4
                         6.8
                                           13.5
                                                  15.5
                                                        17.0
                                                               18.5
                                                                     13.9
                               9.1
                                    11.6
                                                                            10.6
                                                                                    9.8
           3.3
                         4.7
                               7.5
                                           13.0
                                                  15.6
                                                        17.7
## 9421
                  3.2
                                      9.1
                                                               19.0
                                                                     16.3
                                                                            10.6
                                                                                    8.0
## 9422
           4.4
                  7.0
                         4.6
                               7.7
                                      9.7
                                           14.1
                                                  15.3
                                                        19.2
                                                               18.2
                                                                     14.8
                                                                            10.6
                                                                                    8.1
           6.7
                         2.6
                                                  15.3
## 9423
                  5.7
                               9.1
                                    11.4
                                           14.0
                                                        17.7
                                                               18.2
                                                                     15.1
                                                                            10.5
                                                                                    8.1
## 9424
           6.9
                  5.2
                         4.2
                               7.1
                                      9.3
                                           13.2
                                                  14.7
                                                        17.3
                                                               17.5
                                                                     16.4
                                                                            10.9
                                                                                    6.2
                               7.5
                                      9.8
## 9425
           5.7
                  5.0
                         3.4
                                           12.0
                                                  17.7
                                                        18.3
                                                               18.2
                                                                     15.0
                                                                             9.7
                                                                                    7.4
                       24.2
                              21.7
## 9426
           2.3
                  4.0
                                    20.6
                                           23.3
                                                  15.8
                                                         9.8
                                                               19.8
                                                                     28.8
                                                                            27.3
                                                                                   17.7
## 9427
           12.9
                 20.5
                       23.0
                              29.2
                                    27.5
                                           24.6
                                                  27.5
                                                        18.6
                                                               12.0
                                                                      9.2
                                                                            28.0
                                                                                   30.0
## 9428
          29.4
                 13.9
                       12.4
                              12.0
                                    20.0
                                           24.3
                                                  27.5
                                                        30.3
                                                               31.0
                                                                     18.8
                                                                            12.5
                                                                                   11.8
## 9429
           8.1
                 19.3
                       22.7
                              26.6
                                    26.9
                                           27.8
                                                  25.7
                                                        22.0
                                                               14.9
                                                                     17.7
                                                                             9.3
                                                                                   3.2
## 9430
           3.9
                  8.9
                       14.9
                              21.4
                                    26.5
                                           23.5
                                                  18.2
                                                        13.7
                                                                8.3
                                                                      1.5
                                                                            -0.3
                                                                                  -1.1
## 9431
          11.2
                 15.6
                       22.0
                              23.4
                                    23.6
                                           19.4
                                                  15.2
                                                         4.8
                                                                4.4
                                                                     -3.2
                                                                             0.6
                                                                                   15.0
                        1.3
## 9432
          21.5
                 14.3
                               6.5
                                    15.2
                                            9.7
                                                  29.5
                                                        27.6
                                                                3.6
                                                                     18.2
                                                                            13.0
                                                                                  19.2
## 9433
          24.0
                 23.6
                       21.4
                              14.7
                                      0.8
                                           -1.0
                                                  14.8
                                                        20.6
                                                               14.2
                                                                     10.0
                                                                             1.3
                                                                                   3.5
                                                        17.4
                                                                            22.4
## 9434
          16.9
                 25.3
                       21.8
                              16.0
                                      9.6
                                            4.9
                                                   7.7
                                                               16.7
                                                                     25.7
                                                                                  19.4
## 9435
          17.4
                  7.2
                         0.6
                               7.5
                                    12.3
                                           22.9
                                                  15.6
                                                         7.3
                                                                1.7
                                                                     15.9
                                                                            21.5
                                                                                   23.2
                               7.2
## 9436
          26.6
                 25.9
                       24.0
                                      5.0
                                            5.8
                                                  12.8
                                                        16.8
                                                               24.1
                                                                     27.4
                                                                            25.1
                                                                                   19.6
          15.9
                  5.2
                         2.6
                               2.8
                                    13.9
                                           17.7
                                                  24.0
                                                        25.9
                                                               25.4
                                                                     21.7
                                                                            17.6
                                                                                   7.6
## 9437
           8.4
                  1.0
                         7.0
                               7.6
                                    23.0
                                                  19.3
                                                         5.2
                                                               18.8
                                                                            26.9
                                                                                   24.5
## 9438
                                           17.7
                                                                     17.1
## 9439
          22.7
                 15.2
                         8.0
                               5.9
                                    16.9
                                           25.0
                                                  27.2
                                                        16.7
                                                               23.5
                                                                     27.2
                                                                            29.8
                                                                                   29.0
## 9440
          12.8
                  6.2
                         5.3
                               4.2
                                    15.4
                                           20.9
                                                  26.4
                                                        25.5
                                                               25.6
                                                                     24.3
                                                                            18.8
                                                                                  11.9
                  5.1
                       24.4
                              19.7
                                    13.3
                                            6.9
                                                                0.2
                                                                      2.9
## 9441
          11.8
                                                   0.1
                                                         0.4
                                                                             8.6
                                                                                   17.8
          -0.7
                         5.2
                              12.8
                                                        20.2
                                                                      9.2
## 9442
                 -1.6
                                    20.8
                                           23.8
                                                  24.1
                                                               15.4
                                                                             3.4
                                                                                   -1.1
                       14.5
## 9443
           4.4
                 10.9
                              20.0
                                    24.0
                                           23.8
                                                  18.9
                                                        11.9
                                                                8.0
                                                                       3.1
                                                                            -4.2
                                                                                    1.8
## 9444
          13.3
                 19.0
                       22.7
                              23.7
                                    18.3
                                           13.4
                                                   8.5
                                                         2.4
                                                               19.4
                                                                     24.0
                                                                            24.2
                                                                                    5.0
## 9445
           2.8
                  3.6
                       19.5
                              21.8
                                    18.5
                                            5.7
                                                   2.1
                                                         3.2
                                                                4.9
                                                                      9.7
                                                                            16.2
                                                                                  19.4
                       13.0
                                      4.2
                                                                                  12.2
## 9446
          23.6
                 19.8
                               7.7
                                            1.3
                                                   4.4
                                                        10.0
                                                               21.3
                                                                     22.8
                                                                            19.6
## 9447
           3.3
                  6.3
                        8.8
                              15.4
                                    20.4
                                           18.3
                                                        -1.2
                                                               -1.3
                                                                      0.2
                                                                             2.6
                                                                                   9.9
                                                   6.6
                                                                2.6
## 9448
          15.9
                 21.8
                       22.1
                              24.5
                                    19.1
                                           13.5
                                                   9.6
                                                         4.7
                                                                       2.8
                                                                            10.8
                                                                                   14.1
## 9449
          20.5
                 24.5
                       22.5
                              20.0
                                    12.1
                                            5.4
                                                        -3.2
                                                               -2.7
                                                                      3.5
                                                                             7.8
                                                                                  13.6
                                                   1.1
## 9450
          19.4
                23.5
                       24.3
                              19.6
                                    12.2
                                            8.8
                                                   1.8
                                                        -6.6
                                                                0.2
                                                                      4.5
                                                                            10.1
                                                                                   15.9
## 9451
          18.8
                 23.0
                       22.8
                              20.6
                                      8.8
                                            2.6
                                                  -1.2
                                                         1.5
                                                                3.0
                                                                     10.9
                                                                            13.2
                                                                                   21.5
## 9452
          24.0
                 24.5
                       21.3
                               8.4
                                      0.7
                                            2.7
                                                   0.5
                                                         3.8
                                                               14.5
                                                                     20.2
                                                                            23.0
                                                                                   18.4
                               1.8
                                            8.2
                                                               22.2
## 9453
          12.7
                  9.7
                         5.7
                                    -2.8
                                                  16.0
                                                        20.0
                                                                     22.7
                                                                            20.0
                                                                                   15.8
## 9454
           7.5
                  2.1
                         1.6
                               1.3
                                    10.6
                                           14.4
                                                  21.9
                                                        24.7
                                                               22.2
                                                                     12.1
                                                                            -3.5
                                                                      7.2
## 9455
          10.5
                15.0
                       18.9
                              21.8
                                    23.5
                                           12.0
                                                        -0.9
                                                                0.2
                                                                            12.1
                                                                                   16.8
                                                   1.1
                 25.6
                       24.0
                              20.8
                                                        -2.8
                                                               -0.4
                                                                      4.3
## 9456
          22.1
                                    13.9
                                            7.7
                                                  -0.3
                                                                            10.3
                                                                                   16.2
          20.9
                 25.3
                       23.6
                              21.2
                                            9.9
                                                   5.1
                                                         2.1
                                                                3.8
## 9457
                                    14.2
                                                                      8.4
                                                                            11.6
                                                                                  17.0
## 9458
                 25.3
                       24.2
                                                         0.5
                                                               -0.3
          21.0
                              19.7
                                    14.7
                                            6.0
                                                   4.4
                                                                       3.6
                                                                             9.7
                                                                                   14.9
                 26.1
                       22.6
                              18.7
                                                        -2.6
                                                               -1.6
## 9459
          20.8
                                    14.3
                                            6.5
                                                   1.7
                                                                       1.6
                                                                             9.0
                                                                                   16.2
## 9460
          20.8
                24.0
                       22.5
                              20.0
                                    14.5
                                            6.4
                                                   4.0
                                                        -1.9
                                                               -6.1
                                                                       0.9
                                                                             9.5
                                                                                   16.7
                 24.4
                       24.6
                              22.0
                                    13.4
                                                         0.8
                                                                1.8
                                                                       7.1
                                                                                   15.3
## 9461
          19.1
                                           10.1
                                                   8.6
                                                                             9.7
## 9462
          21.1
                 25.0
                       25.7
                              21.6
                                    13.1
                                            9.5
                                                   3.4
                                                         2.8
                                                                3.6
                                                                       3.0
                                                                            11.8
                                                                                  15.2
                       22.7
                                            7.7
## 9463
          21.3
                 23.8
                              20.5
                                    17.0
                                                   1.0
                                                        -1.8
                                                                3.2
                                                                       3.8
                                                                             7.6
                                                                                  16.4
## 9464
          20.3
                 24.4
                       25.3
                              20.9
                                    13.7
                                            6.5
                                                   3.3
                                                        -0.4
                                                                1.0
                                                                       3.5
                                                                            10.7
                                                                                   15.2
                25.7
                       23.5
                                                         2.7
## 9465
          20.8
                              20.0
                                    14.3
                                            5.5
                                                   2.2
                                                                3.2
                                                                      7.2
                                                                             8.8
                                                                                  14.5
                 25.9
## 9466
          21.6
                       24.9
                              20.0
                                    14.4
                                            9.6
                                                   3.0
                                                         1.2
                                                                0.1
                                                                       5.5
                                                                            10.2
                                                                                  15.9
          21.7 23.9 24.7 21.2
## 9467
                                    16.2
                                            7.1
                                                   4.8
                                                        -1.7
                                                                2.2
                                                                       6.6
                                                                             4.5
                                                                                  10.9
```

```
## 9468
          14.8 19.7
                       24.2
                            23.0
                                   19.4 14.5
                                                  6.2
                                                         2.0
                                                               1.6
                                                                      5.6
                                                                            7.2 14.2
## 9469
          16.4
                20.5
                       23.2
                             21.9
                                    20.5
                                          14.9
                                                  5.0
                                                         1.4
                                                               3.8
                                                                      4.3
                                                                            8.8
                                                                                 13.2
                21.4
## 9470
          17.5
                       24.0
                              22.8
                                    20.3
                                          13.6
                                                  5.8
                                                         2.7
                                                               3.7
                                                                     3.8
                                                                            9.2
                                                                                 12.3
                             24.3
                                    20.3
                                                         7.8
                                                                                 25.2
## 9471
          16.6
                24.7
                       25.4
                                          12.1
                                                  4.5
                                                              10.7
                                                                    14.3
                                                                           20.7
## 9472
          25.1
                21.0
                       14.9
                               9.1
                                    24.7
                                           20.4
                                                 14.4
                                                       19.9
                                                               6.0
                                                                     8.9
                                                                            8.6
                                                                                 16.5
## 9473
          21.5
                22.4
                       21.7
                             19.0
                                    14.2
                                            9.5
                                                  5.0
                                                         6.2
                                                               7.0
                                                                    14.4
                                                                           19.9
                                                                                 23.4
                22.3
                       12.6
                             11.4
                                    19.8
                                          23.1
                                                  4.4
                                                         5.2
                                                              11.3
                                                                    17.8
                                                                           21.3
## 9474
          24.9
          20.0
                14.2
                               3.9
                                            6.2
                                                 12.7
                                                       19.3
                                                                    22.3
## 9475
                        8.6
                                     5.9
                                                              24.5
                                                                            8.6
                                                                                  1.4
## 9476
           5.8
                18.8
                       24.7
                             14.4
                                     2.1
                                            9.0
                                                 12.5
                                                       15.4
                                                              23.8
                                                                    23.6
                                                                           20.6
                                                                                 14.7
           9.4
                  5.3
                              20.8
                                   24.6
                                          21.0
                                                              22.5
                                                                           23.6
                                                                                 22.1
## 9477
                       11.7
                                                  4.6
                                                       15.5
                                                                    25.3
## 9478
           2.7
                  2.9
                        9.6
                              12.7
                                    15.5
                                          22.7
                                                 24.6
                                                       21.3
                                                              14.5
                                                                     7.0
                                                                            4.5
                                                                                  5.1
                       24.7
                              24.2
## 9479
           8.5
                13.8
                                    24.1
                                          20.6
                                                 15.2
                                                         9.1
                                                               1.1
                                                                     3.1
                                                                           13.4
                                                                                 18.1
## 9480
          24.2
                 19.2
                       12.0
                               8.0
                                     7.9
                                          13.2
                                                 18.0
                                                       23.9
                                                              24.7
                                                                    21.8
                                                                           20.6
                                                                                 15.8
## 9481
           8.5
                  4.8
                       11.3
                              15.1
                                    24.3
                                          24.5
                                                 21.7
                                                       15.4
                                                               5.9
                                                                     3.7
                                                                           16.0
                                                                                 25.5
## 9482
          25.7
                21.9
                       19.1
                              16.1
                                     8.9
                                            3.5
                                                  7.3
                                                       11.2
                                                              13.6
                                                                    25.2
                                                                           24.3
                                                                                 23.1
## 9483
          19.2
                 11.7
                        5.8
                               5.5
                                     8.9
                                           18.4
                                                 24.4
                                                       24.5
                                                              23.4
                                                                    22.0
                                                                           12.8
                                                                                  7.0
  9484
           3.7
                  2.1
                        8.8
                             13.7
                                    13.5
                                          22.6
                                                 25.3
                                                       25.5
                                                              20.3
                                                                    12.9
                                                                            8.3
                                                                                  4.1
##
                                    25.5
##
  9485
           5.4
                12.7
                       19.3
                              22.5
                                          25.9
                                                 21.7
                                                       16.2
                                                               8.9
                                                                     2.6
                                                                            2.6
                                                                                 27.8
          25.5
                                                                           23.6
## 9486
                19.3
                       14.2
                             10.9
                                    11.2
                                          11.6
                                                 19.3
                                                       20.7
                                                              24.9
                                                                    28.3
                                                                                 18.2
## 9487
           9.1
                  8.0
                       11.8
                              15.3
                                    15.9
                                          23.9
                                                 25.4
                                                       28.5
                                                              28.0
                                                                    23.9
                                                                           18.9
                                                                                 11.2
                                                       21.0
                                                                    15.3
## 9488
           5.3
                10.9
                       10.7
                              18.3
                                    21.6
                                          26.9
                                                 26.0
                                                              15.2
                                                                           10.5
                                                                                  8.9
## 9489
           7.1
                 13.3
                       16.3
                              21.9
                                    25.6
                                          27.7
                                                 27.6
                                                       26.0
                                                              20.4
                                                                    11.4
                                                                            7.3
                                                                                  4.3
          10.1
                                                                    14.9
## 9490
                14.3
                       17.9
                             21.8
                                    24.3
                                          26.2
                                                 26.9
                                                       23.4
                                                              17.8
                                                                            7.0
                                                                                  7.0
                15.5
                       17.3
                              23.3
                                    25.4
                                          26.4
                                                 24.9
                                                       22.4
                                                              20.5
                                                                    14.3
                                                                            7.4
                                                                                  9.2
## 9491
           8.0
          10.6
               12.1
                                                       13.3
                                                                     7.4
                       16.5
                              20.3
                                    25.1
                                          26.9
                                                 24.9
                                                              10.8
                                                                           21.3
                                                                                 25.4
## 9492
                                                 26.0
## 9493
          27.2
                22.5
                       11.5
                               7.9
                                     7.4
                                          15.7
                                                       25.5
                                                              24.0
                                                                    11.7
                                                                            9.4
                                                                                 17.3
## 9494
          21.5
                 25.5
                       26.2
                              25.5
                                    16.6
                                           7.0
                                                 16.5
                                                       21.1
                                                              25.9
                                                                    24.8
                                                                           22.8
                                                                                 11.5
                  4.6
                       18.2
                              27.8
                                    27.4
                                          17.7
                                                         4.6
                                                              26.9
                                                                    27.7
##
  9495
           3.6
                                                 12.1
                                                                           15.3
                                                                                 12.7
                       18.6
                                          25.4
                                                 10.8
                                                         9.9
                                                                    17.0
## 9496
          10.2
                11.4
                             23.1
                                    27.1
                                                               8.7
                                                                           20.1
                                                                                 25.3
## 9497
          24.9
                 25.1
                       24.3
                              18.6
                                    10.9
                                            9.0
                                                  3.1
                                                         8.4
                                                              11.8
                                                                    17.4
                                                                           21.5
                                                                                 25.2
## 9498
          25.9
                 26.4
                       24.4
                              18.7
                                     9.4
                                            9.9
                                                  6.6
                                                         5.1
                                                              14.4
                                                                    19.2
                                                                           21.6
                                                                                 25.6
##
  9499
          26.7
                 25.8
                       23.4
                              18.4
                                    15.0
                                          13.8
                                                  6.1
                                                       10.1
                                                              15.5
                                                                    17.7
                                                                           21.4
                                                                                 26.0
                       25.7
                              20.6
                                                                           21.2
##
  9500
          27.4
                 27.0
                                    14.4
                                          10.0
                                                 11.4
                                                       13.3
                                                              14.9
                                                                    20.0
                                                                                 24.3
                                                                           23.3
## 9501
          26.9
                 25.7
                       23.1
                             18.7
                                    13.1
                                            7.9
                                                  4.7
                                                       14.4
                                                              13.3
                                                                    15.8
                                                                                 26.1
                                                  7.4
## 9502
          26.4
                 25.6
                       25.8
                              19.4
                                     9.7
                                            8.9
                                                       12.9
                                                              12.6
                                                                    17.7
                                                                           23.3
                                                                                 25.0
## 9503
          26.5
                26.8
                       26.9
                             19.8
                                   10.1
                                          10.5
                                                  9.9
                                                       10.2
                                                              17.3
                                                                    16.4
                                                                           20.5
                                                                                 24.7
## 9504
          26.2
                26.2
                       23.4
                             19.0
                                   14.2
                                           7.2
                                                  7.6
                                                         8.1
                                                              15.1
                                                                    16.6
                                                                           20.7
                                                                                 24.5
## 9505
          25.3
                 26.0
                       23.0
                             19.2
                                    11.4
                                          14.0
                                                  7.2
                                                       14.3
                                                               0.2
                                                                    14.1
                                                                           17.4
                                                                                 24.6
  9506
          16.8
                  3.0
                        7.9
                              26.4
                                     2.3
                                            2.7
                                                 17.1
                                                       24.3
                                                              25.9
                                                                      9.8
                                                                            2.7
                                                                                  1.0
##
                       17.5
                              25.0
                                    24.4
                                          24.5
                                                       16.5
                                                               7.0
## 9507
          -2.9
                12.9
                                                 21.4
                                                                     7.8
                                                                                 -3.2
                                                                           -1.7
  9508
          -1.2
                  0.3
                        9.9
                              13.4
                                    22.2
                                          23.5
                                                 23.2
                                                       19.5
                                                              12.0
                                                                      6.0
                                                                           -3.2
                                                                                  3.3
                                                                     6.7
## 9509
          -1.2
                  2.5
                       11.2
                             14.5
                                    19.2
                                          22.9
                                                 22.4
                                                       16.2
                                                               9.4
                                                                            3.0
                                                                                 -1.2
          -8.0
                        8.2
                             17.3
                                    20.5
                                          21.4
                                                 22.8
                                                              14.5
## 9510
                  4.8
                                                       19.1
                                                                      4.9
                                                                           -0.4
                                                                                 -2.0
          -2.7
                       11.7
                             13.5
                                    20.6
                                          22.7
                                                 20.9
                                                       18.5
                                                              10.2
                                                                      3.8
                                                                           -0.8
                                                                                 -6.9
## 9511
                  0.7
## 9512
          -0.9
                       10.4
                                          20.3
                                                                                 -3.9
                  4.6
                             15.7
                                    19.8
                                                 21.5
                                                       17.7
                                                               9.8
                                                                      7.7
                                                                           -1.2
          -3.2
                       12.5
                             17.1
                                                 23.3
                                                                           -4.3
                                                                                 -5.1
## 9513
                  5.3
                                    21.5
                                          23.8
                                                       18.4
                                                              11.5
                                                                      5.4
## 9514
          -2.1
                  2.5
                       10.5
                             16.9
                                    20.8
                                          24.8
                                                 21.9
                                                       17.9
                                                              11.4
                                                                      8.2
                                                                            2.4
                                                                                 -0.4
## 9515
           1.1
                 10.6
                        9.1
                              18.8
                                   21.4
                                          25.1
                                                 21.9
                                                              11.2
                                                                      3.5
                                                                            3.0
                                                                                 -0.9
                                                       16.7
## 9516
          -2.4
                  1.3
                        9.9
                              17.1
                                    20.1
                                          23.0
                                                 20.8
                                                       17.3
                                                              12.0
                                                                      3.2
                                                                           -0.2
                                                                                 -6.2
                                    21.3
                                          21.3
                                                              12.2
## 9517
          -5.0
                  0.1
                       10.3
                              16.7
                                                 21.6
                                                       17.8
                                                                      3.0
                                                                            1.7
                                                                                 -4.3
## 9518
          -8.5
                  1.7
                       10.9
                              19.0
                                    21.4
                                          22.8
                                                 22.5
                                                       20.6
                                                              12.5
                                                                            6.6
                                                                                 -2.5
                                                                      9.1
           0.2
                                   21.6
## 9519
                  7.2
                        9.8
                             15.5
                                          24.7
                                                 24.4
                                                       20.2
                                                              14.4
                                                                      8.1
                                                                           -0.7
                                                                                  1.5
                                          23.1
## 9520
           4.8
                  4.0
                       13.7
                              15.8
                                    21.9
                                                 21.5
                                                       19.5
                                                              14.7
                                                                      6.1
                                                                           -1.7
                                                                                 -3.1
                                          23.9
## 9521
           2.9
                  1.4
                        7.5
                             20.4 22.1
                                                 24.4
                                                       20.9
                                                             13.1
                                                                      3.7
                                                                            2.0
                                                                                 -2.8
```

```
## 9522
           0.3
                  2.3 11.8 17.3 20.7
                                          25.2 22.6 21.8 14.4
                                                                     4.0
                                                                           2.4
                                                                                 2.4
## 9523
           1.2
                 7.0
                        8.5
                             15.6
                                   22.4
                                          25.7
                                                23.6
                                                      19.2
                                                             12.9
                                                                    9.0
                                                                           2.2
                                                                                 0.1
                                   23.3
## 9524
          -2.4
                 7.2
                       11.6
                             16.1
                                          23.8
                                                24.5
                                                       20.5
                                                             16.8
                                                                     5.6
                                                                           5.4
                                                                                -3.8
## 9525
          -4.2
                -0.2
                       -0.1
                              6.7
                                   14.6
                                          16.6
                                                21.5
                                                       21.9
                                                             14.9
                                                                     9.0
                                                                                -5.9
                                                                           1.5
## 9526
          -2.3
                -0.3
                       -0.7
                              8.5
                                   14.5
                                          23.9
                                                23.8
                                                       23.3
                                                             18.2
                                                                    8.8
                                                                          -0.6
                                                                                -3.6
## 9527
           0.3
                -1.3
                        4.6
                              6.2 13.7
                                          22.7
                                                24.0
                                                      23.1
                                                             17.8
                                                                   12.4
                                                                                -2.4
                                                                           3.1
                 4.6
                             10.6
                                   12.5
                                          21.8
                                                26.3
                                                       23.1
                                                             19.3
  9528
          -4.2
                        0.1
                                                                    9.3
                                                                           4.6
                                                                                -0.8
          -6.7
                -6.7
                             11.6
                                   16.4
                                          17.6
                                                26.3
                                                       25.0
## 9529
                        1.2
                                                            17.8
                                                                   10.4
                                                                          -1.5
                                                                                -4.8
                                                       17.5
##
  9530
          -3.7
                  2.8
                        5.5
                             15.7
                                   23.3
                                          22.9
                                                22.0
                                                             12.8
                                                                     1.7
                                                                          -0.4
                                                                                -8.8
           0.3
                 1.5
                                                                                -2.7
##
  9531
                        6.8
                             13.1
                                   19.0
                                          24.7
                                                23.4
                                                       15.1
                                                              9.7
                                                                     1.8
                                                                           0.9
  9532
          -3.7
                -4.6
                        7.2
                             16.3
                                   19.3
                                          21.7
                                                23.2
                                                       18.1
                                                             10.7
                                                                    2.7
                                                                          -4.9
                                                                                -4.3
                             22.5
## 9533
           2.6
                 8.0
                       14.4
                                   22.1
                                          24.1
                                                15.9
                                                        7.6
                                                              0.3
                                                                          -3.2
                                                                                -2.2
                                                                   -3.1
                       19.2
##
  9534
           9.8
                14.2
                             23.4
                                   23.4
                                          18.4
                                                11.3
                                                        2.6
                                                             -2.6
                                                                   -3.0
                                                                           0.1
                                                                                 3.6
                12.9
                       20.6
                             23.0
                                   23.8
                                          14.2
                                                             -4.7
                                                                   -5.6
## 9535
           6.0
                                                 9.6
                                                        1.1
                                                                          -2.8
                                                                                 0.0
## 9536
           9.8
                17.7
                       19.3
                             22.2
                                   22.6
                                          15.7
                                                11.8
                                                        4.3
                                                             -2.4 -10.5
                                                                           0.2
                                                                                 4.9
## 9537
          10.4
                15.8
                       22.7
                             25.3
                                   23.0
                                          18.8
                                                14.5
                                                        3.8
                                                             -5.6
                                                                   -2.2
                                                                          -3.9
                                                                                 0.2
  9538
           8.3
                16.1
                      19.6
                             25.3
                                   21.0
                                          16.4
                                                10.2
                                                             -3.8
                                                                   -3.2
                                                                          -4.8
##
                                                        2.1
                                                                                -3.6
##
   9539
          10.8
                15.6
                      19.5
                             22.8
                                   21.4
                                          12.1
                                                12.2
                                                        4.9
                                                              1.7
                                                                   -9.1
                                                                          -5.9
                                                                                 3.6
                                          16.7
                                                                   -3.9
           6.6
               15.5
                       20.4
                             25.3
                                   19.9
                                                10.3
                                                             -4.2
                                                                          -0.7
                                                                                 4.4
## 9540
                                                        2.2
## 9541
           9.6
               11.1
                       18.1
                             21.3
                                   20.4
                                          16.2
                                                 9.9
                                                        1.1
                                                             -5.1
                                                                   -5.4
                                                                          -2.7
                                                                                 4.4
                                   22.0
## 9542
           7.9
                11.8
                      20.8
                            22.6
                                          16.2
                                                10.6
                                                        1.3
                                                             -7.2
                                                                   -8.8
                                                                          -4.3
                                                                                -1.7
## 9543
          10.8
                16.1
                      17.1
                             22.8
                                   23.1
                                          18.8
                                                 5.4
                                                        3.2
                                                             -2.0
                                                                   -5.4
                                                                          -0.1
                                                                                -0.4
           7.6
               16.6
                       20.0
                             23.5
                                   24.2
                                          16.0
                                                 7.6
                                                             -2.9
                                                                   -5.6
                                                                          -4.2
                                                                                 0.8
## 9544
                                                        1.6
                12.6
                       21.2
                             21.0
                                   22.3
                                          15.4
                                                        2.8
                                                             -2.4
                                                                   -6.3
## 9545
           8.9
                                                 9.7
                                                                          -1.2
                                                                                 4.8
                       20.0
                             21.3
                                   21.6
                                          16.2
                                                       -1.2
                                                             -8.2
                                                                   -5.8
                                                                          -0.9
## 9546
           8.1
                14.0
                                                 8.0
                                                                                 4.7
  9547
           7.7
                13.6
                       20.6
                             22.7
                                   22.6
                                          14.7
                                                10.9
                                                        1.7
                                                             -4.7
                                                                   -8.9
                                                                           0.6
                                                                                 4.1
## 9548
          10.0
                15.3
                      19.2
                             25.3
                                   19.5
                                          14.2
                                                11.6
                                                        1.4
                                                             -4.3
                                                                   -3.5
                                                                          -4.8
                                                                                -2.8
                      18.8
                             23.8
                                   22.9
                                          14.2
                                                                   -7.9
##
   9549
           8.1
                13.9
                                                10.5
                                                        1.5
                                                             -3.1
                                                                           0.4
                                                                                 1.1
                      18.4
## 9550
           8.6
               12.0
                             22.7
                                   21.2
                                          15.4
                                                 7.3
                                                       -0.8
                                                             -0.2
                                                                   -8.6
                                                                           0.0
                                                                                 2.8
  9551
          11.0 17.3
                       20.8
                             23.7
                                   20.3
                                          17.7
                                                10.0
                                                        2.1
                                                             -3.9 -11.6
                                                                          -9.6
                                                                                 1.7
## 9552
           9.1
                14.4
                       20.0
                             23.7
                                   21.7
                                          18.6
                                                 9.5
                                                        0.1
                                                             -9.7 - 14.5
                                                                          -8.2
                                                                                 2.8
##
   9553
           9.1
                14.3
                       20.1
                             23.4
                                   22.7
                                          19.5
                                                12.1
                                                        0.1
                                                              1.1
                                                                   -3.8
                                                                          -2.2
                                                                                 1.9
                       22.5
                             25.5
##
   9554
          10.3
                15.7
                                   23.3
                                          17.6
                                                 9.4
                                                        3.6
                                                              0.0
                                                                   -1.3
                                                                          -1.6
                                                                                 4.6
  9555
          13.2 12.7
                       20.3
                             23.2
                                   21.2
                                          17.2
                                                 9.4
                                                             -2.9
                                                                          -2.2
##
                                                        4.2
                                                                   -8.3
                                                                                 2.4
   9556
           7.1
                14.1
                       17.4
                             23.9
                                   22.0
                                          16.5
                                                 9.6
                                                        0.6
                                                             -1.7
                                                                   -2.7
                                                                           1.7
                                                                                 2.9
##
  9557
           5.7
                12.3
                      18.4
                             24.1
                                   25.6
                                          18.2
                                                10.7
                                                        2.6 - 13.6
                                                                   -6.4
                                                                           0.6
                                                                                 1.2
##
  9558
           6.3
               14.6
                      20.0 23.2
                                   24.4
                                          14.7
                                                 8.9
                                                        2.9
                                                             -2.5
                                                                   -7.6
                                                                          -4.9
                                                                                 4.7
##
  9559
          11.2 16.0
                      18.6
                             24.1
                                   21.2
                                          15.4
                                                 9.2
                                                       -3.9
                                                             -7.1
                                                                   -0.2
                                                                          -2.6
                                                                                 6.8
  9560
           9.4
                14.4
                       21.7
                             24.2
                                   21.7
                                          17.2
                                                10.0
                                                        2.2
                                                             -1.1
                                                                   -1.1
                                                                           2.2
                                                                                 2.8
##
## 9561
          10.6
               17.3
                       21.2
                             24.3
                                   21.3
                                          16.3
                                                 8.3
                                                        3.3
                                                             -2.2
                                                                   -8.7
                                                                          -3.0
                                                                                 3.3
               15.9
                       23.7
                             23.6
                                   23.0
                                                        3.3
                                                             -0.9
  9562
           9.2
                                          16.7
                                                 9.3
                                                                   -1.0
                                                                          -7.9
                                                                                 2.1
## 9563
          10.7
                15.0
                      18.8
                             23.5
                                   22.1
                                          16.1
                                                10.4
                                                        3.1
                                                             -6.3
                                                                   -0.8
                                                                          -0.6
                                                                                 4.4
                       21.7
                             23.2
##
  9564
           9.2
                13.7
                                   23.3
                                          19.8
                                                10.1
                                                        3.4
                                                             -5.6
                                                                   -4.9
                                                                           3.1
                                                                                 4.7
                16.6
                             23.8
                                                              0.8
                                                                    0.1
##
  9565
           9.6
                       21.7
                                   23.2
                                          17.6
                                                 9.1
                                                        0.1
                                                                           2.9
                                                                                 5.4
                      18.7
                             20.3
                                                             -5.3
                                                                   -7.5
                                                                          -7.8
  9566
          10.3
                14.8
                                   19.2
                                          17.2
                                                 9.9
                                                        0.2
                                                                                 2.8
           7.5
                      18.5
                                                 9.2
## 9567
                14.8
                             21.9
                                   21.3
                                          14.6
                                                        0.4
                                                             -0.9
                                                                   -4.4
                                                                          -4.6
                                                                                 5.3
## 9568
           8.8
                17.0
                       22.1
                             21.4
                                   22.6
                                          18.6
                                                11.1
                                                        3.0
                                                             -1.6
                                                                   -2.9
                                                                           1.1
                                                                                 3.2
## 9569
                      19.3
                             23.2
                                   25.3
                                                 9.0
           6.6
                11.4
                                          17.0
                                                        3.7
                                                             -1.8
                                                                   -6.2
                                                                          -1.0
                                                                                -0.4
           8.5
## 9570
                13.7
                       20.3
                             21.8
                                   21.1
                                          15.1
                                                 9.2
                                                       -0.7
                                                             -3.9
                                                                   -4.8
                                                                          -1.6
                                                                                 4.2
                       20.8
                                                                   -3.3
## 9571
           6.0
                12.8
                             23.3
                                   21.6
                                          17.9
                                                10.7
                                                        1.1
                                                             -2.0
                                                                           1.5
                                                                                 0.4
                                                             -2.4
## 9572
           8.0
                15.4
                       17.8
                             24.0
                                   22.4
                                          20.3
                                                 9.8
                                                        3.4
                                                                   -2.5
                                                                           2.6
                                                                                 3.6
                      19.3
## 9573
           7.3
                13.9
                            24.2
                                   21.4
                                          14.5
                                                10.0
                                                        5.5
                                                             -0.7
                                                                   -2.6
                                                                           1.1
                                                                                 4.9
                                          17.5
                                                10.6
## 9574
           8.9
               16.0
                      19.9
                             24.7
                                   25.2
                                                      -4.1
                                                             -5.7
                                                                   -2.3
                                                                          -4.7
                                                                                 2.7
## 9575
           9.5 13.9 19.7 25.3
                                   21.7
                                          16.5
                                                 9.1
                                                        3.9
                                                            -2.6
                                                                  -2.8
                                                                          -0.7
                                                                                -1.6
```

```
23.0 17.4
## 9576
           8.9 13.3
                       23.8
                            26.1
                                                 6.0
                                                        2.8 -1.0 -2.3
                                                                          -3.4
                                                                                  4.7
## 9577
                                                            -1.2
           9.8
                14.4
                       18.9
                             25.3
                                   24.2
                                          16.1
                                                12.2
                                                        1.5
                                                                   -4.5
                                                                                 5.7
                                                                          -3.0
                                   19.9
## 9578
           9.4
                16.5
                       18.2
                             22.2
                                          19.0
                                                11.0
                                                        3.2
                                                             -0.8
                                                                   -4.5
                                                                           1.2
                                                                                 3.7
                             25.0
                                   22.6
                                                                          -2.2
## 9579
           8.8
                13.9
                       21.1
                                          19.9
                                                10.5
                                                        4.2
                                                             -3.6
                                                                    2.8
                                                                                 2.6
## 9580
          11.5
                16.2
                       22.4
                             25.4
                                   22.4
                                          14.3
                                                 8.0
                                                        2.0
                                                             -2.3
                                                                   -8.6
                                                                          -5.0
                                                                                 7.9
## 9581
           7.9
                15.8
                       20.3
                             24.3
                                   24.5
                                          18.7
                                                11.3
                                                        3.5
                                                             -6.1
                                                                   -4.9
                                                                          -1.7
                                                                                 2.8
                      18.9
                             24.4
                                   21.9
                                                             -5.6
                                                                   -2.5
                                                                          -0.5
  9582
           7.2
                13.0
                                          16.8
                                                 9.5
                                                        3.3
                                                                                 2.9
                                                                          -3.9
                       19.2
                             21.5
                                   20.5
                                                                   -3.7
## 9583
           8.1
                14.7
                                          15.9
                                                 5.0
                                                        4.5
                                                             -8.0
                                                                                 4.4
##
  9584
          10.0
                12.7
                       20.9
                             23.8
                                   23.4
                                          17.0
                                                11.2
                                                        1.6
                                                             -2.7
                                                                   -6.4
                                                                          -3.8
                                                                                 3.0
                       20.1
                             25.6
                                   23.7
                                                        2.9
                                                             -2.4
                                                                                 9.9
##
  9585
           8.3
                12.8
                                          15.6
                                                11.2
                                                                   -1.3
                                                                          -2.0
   9586
          11.3
                16.6
                       24.0
                             26.9
                                   23.0
                                          17.3
                                                 8.2
                                                        3.7
                                                             -3.7
                                                                   -4.0
                                                                          -1.7
                                                                                 2.6
                       20.7
                                                                   -3.2
## 9587
           6.1
                14.9
                             23.4
                                   23.8
                                          19.9
                                                 8.7
                                                        2.1
                                                             -4.5
                                                                          -6.4
                                                                                 2.6
##
  9588
           8.9
                14.3
                      19.9
                             22.1
                                   22.8
                                          17.3
                                                11.2
                                                       -0.1
                                                             -2.7
                                                                   -3.7
                                                                          -2.8
                                                                                 6.1
                       21.2
                             23.4
                                   21.1
                                          19.7
                                                             -1.5
                                                                   -2.4
## 9589
          10.4
                13.1
                                                11.9
                                                        3.1
                                                                           1.4
                                                                                 5.9
  9590
           9.7
                13.7
                       22.9
                             23.3
                                   22.2
                                          18.3
                                                12.3
                                                        5.4
                                                             -4.2
                                                                   -3.8
                                                                           1.3
##
                                                                                 5.8
##
  9591
          10.6
                14.1
                       22.4
                             25.5
                                   21.1
                                          18.3
                                                10.1
                                                        4.0
                                                             -3.6
                                                                   -5.3
                                                                          -5.6
                                                                                 3.9
  9592
           5.9
                17.7
                       22.9
                             24.1
                                   22.1
                                          19.3
                                                 8.0
                                                        0.7
                                                             -3.0
                                                                          -7.6
                                                                                 0.3
##
                                                                   -1.7
   9593
           9.7
                12.1
                       20.3
                             24.4
                                   22.5
                                          20.9
                                                  6.2
                                                        2.0
                                                             -0.8
                                                                   -1.3
                                                                          -0.7
                                                                                 5.9
           8.0
                                                                   -1.1
  9594
                14.0
                       23.9
                             24.8
                                   24.1
                                          17.6
                                                 8.5
                                                        5.7
                                                             -0.4
##
                                                                          -8.1
                                                                                 6.2
## 9595
           8.3
                15.1
                       23.0
                             24.7
                                   24.5
                                          20.2
                                                11.3
                                                        6.1
                                                              0.2
                                                                   -4.0
                                                                          15.4
                                                                               -11.3
          15.4
                -3.7
                                                                   15.6
## 9596
                        9.4
                             15.7
                                   22.6
                                           7.3
                                                14.1
                                                       22.1
                                                             21.2
                                                                          -3.3
                                                                                -5.3
## 9597
         -11.9
                 9.2
                       14.9
                             23.6
                                   22.4
                                          21.6
                                                18.3
                                                       12.3
                                                              2.7
                                                                   -1.9 -11.7
          15.7
                25.7
                       26.6
                             29.4
                                   31.0
                                          31.4
                                                28.8
                                                       26.5
                                                             21.5
                                                                   15.1
                                                                          19.0
                                                                                25.9
## 9598
          28.1
                29.6
                       31.9
                             30.9
                                   30.5
                                          26.5
                                                22.9
                                                       17.8
                                                             22.8
                                                                   25.7
                                                                          27.7
## 9599
                                                                                31.1
          30.7
                       28.3
                                   21.9
                                                29.0
                                                             32.0
                                                                          24.6
                                                                                17.9
## 9600
                31.1
                             24.7
                                          14.1
                                                       30.2
                                                                   29.6
                                   30.4
## 9601
          15.9
                24.0
                       28.4
                             30.3
                                          31.9
                                                29.5
                                                       25.6
                                                             18.2
                                                                   19.3
                                                                          16.8
## 9602
          26.9
                27.7
                       30.2
                             30.1
                                   27.4
                                          20.3
                                                15.6
                                                       15.5
                                                             14.1
                                                                   23.7
                                                                          25.8
                                                                                27.7
  9603
                28.7
                       27.2
                             25.2
                                          20.6
                                                              2.2
##
          27.8
                                   20.1
                                                13.8
                                                        0.8
                                                                   21.9
                                                                          20.8
                                                                                 6.7
                       -2.6
                                          -7.2
## 9604
          17.1
                13.5
                             19.4
                                   16.2
                                                 8.9
                                                       17.9
                                                             15.3
                                                                    8.5
                                                                          -4.3
                                                                                19.9
## 9605
          -6.0
                -2.3
                        8.6
                             19.1
                                     8.9
                                          -1.6
                                                -2.7
                                                        8.9
                                                             21.2
                                                                   15.0
                                                                           8.5
                                                                                19.1
## 9606
          11.0
                -5.8
                       20.7
                             18.0
                                     9.8
                                          -1.0
                                                14.2
                                                       19.4
                                                             18.0
                                                                   11.4
                                                                          17.0
                                                                                 3.3
##
  9607
          -4.6
                 5.7
                       19.0
                             21.1
                                   23.0
                                          18.4
                                                10.9
                                                        2.3
                                                              0.8
                                                                   -5.2
                                                                          -2.7
                                                                                 7.2
                       23.2
##
  9608
          15.7
                18.5
                             21.1
                                   17.2
                                          11.8
                                                 1.8
                                                       -0.2
                                                             -0.5
                                                                   -1.6
                                                                           6.6
                                                                                12.6
          20.1
                                                                          -8.9
## 9609
                23.4
                       22.0
                             16.0
                                   10.3
                                           6.4
                                                -0.6
                                                       -2.1
                                                              1.0
                                                                    9.8
                                                                                 7.0
## 9610
          17.6
                10.0
                       23.5
                             21.0
                                    7.6
                                          14.0
                                                21.1
                                                       20.4
                                                             16.8
                                                                    0.4
                                                                          -1.3
                                                                                18.3
## 9611
          11.3
                14.9
                       15.5
                             13.7
                                   12.3
                                          22.7
                                                13.5
                                                       31.6
                                                             25.0
                                                                   18.3
                                                                          12.9
                                                                                13.8
## 9612
          16.4
                16.8
                       31.5
                             17.4
                                   10.5
                                          24.0
                                                29.7
                                                       36.8
                                                             23.8
                                                                   18.8
                                                                          13.6
## 9613
          34.9
                36.9
                       32.1
                             24.7
                                   18.7
                                          10.7
                                                13.4
                                                       32.8
                                                             22.5
                                                                   17.6
                                                                          14.4
                                                                                32.4
## 9614
          12.4
                12.5
                       22.6
                             26.0
                                   15.4
                                          24.1
                                                30.5
                                                       35.2
                                                             11.1
                                                                   29.6
                                                                          36.2
                                                                                17.4
## 9615
          18.1
                37.4
                      15.9
                             12.2
                                   17.9
                                          27.7
                                                19.3
                                                       12.7
                                                             17.1
                                                                   24.9
                                                                          28.8
                                                                                37.0
          38.6
                37.0
                       31.3
                             25.9
                                   20.2
                                          14.5
                                                15.6
                                                       15.4
                                                             26.8
                                                                   30.1
                                                                          38.2
## 9616
## 9617
          24.6
                17.8
                      12.8
                             12.0
                                   25.1
                                          25.7
                                                34.2
                                                       37.7
                                                             37.6
                                                                   31.6
                                                                          17.3
                                                                                12.8
                17.2
                       23.4
                             30.6
                                   33.6
                                                25.4
## 9618
          14.2
                                          38.1
                                                       16.9
                                                             12.3
                                                                   13.4
                                                                          15.5
                                                                                17.2
                29.7
                       36.7
                             37.6
                                   36.4
                                          32.8
                                                22.8
                                                             13.0
## 9619
          25.5
                                                       20.1
                                                                   13.1
                                                                           6.6
                                                                                 7.2
                27.0
                       24.1
                             17.7
## 9620
          22.2
                                   11.7
                                           2.4
                                                 9.8
                                                       18.2
                                                             26.1
                                                                   27.2
                                                                          23.1
                                                                                13.3
                             15.9
                                   22.0
                                          23.3
                                                27.2
                                                       22.7
## 9621
          10.8
                 8.3
                        9.1
                                                              9.7
                                                                   10.1
                                                                           7.8
                                                                                16.2
                       21.4
                             25.3
## 9622
          20.3
                24.7
                                   22.8
                                          17.5
                                                 9.3
                                                        5.8
                                                              3.1
                                                                   17.0
                                                                          20.9
                                                                                26.2
          25.3
                18.0
                        6.2
                             20.8
                                   25.5
                                          27.7
                                                27.0
                                                             25.7
## 9623
                                                       12.7
                                                                     4.6
                                                                          14.2
                                                                                16.0
          22.9
## 9624
                26.3
                       26.2
                            19.6
                                   13.0
                                          18.4
                                                25.6
                                                       27.3
                                                             26.5
                                                                   20.5
                                                                          11.2
                                                                                10.0
## 9625
          10.4
                15.8
                       19.4
                             24.0
                                   27.3
                                          26.6
                                                22.6
                                                       20.0
                                                             14.4
                                                                    8.4
                                                                           6.4
                                                                                 7.5
## 9626
          16.6
                20.1
                       24.5
                             25.8
                                   26.0
                                          22.6
                                                18.8
                                                       10.1
                                                             12.1
                                                                    5.1
                                                                          -3.5
                                                                                14.5
## 9627
          16.1
                14.0
                        7.4 - 13.9
                                     6.9
                                          12.4
                                                 2.8
                                                      -9.0
                                                             -6.5
                                                                     5.7
                                                                          14.3
                                                                                19.9
                                          -3.4
## 9628
          19.2 15.3
                        8.8
                              3.9
                                   -8.3
                                                12.4 19.4 16.2
                                                                   16.6
                                                                          -1.6
                                                                                 4.9
                                                                          20.2
## 9629
          11.6 19.8 20.7 18.7
                                   12.4
                                         -5.5 -7.4 -12.9
                                                              5.8
                                                                   11.9
                                                                                19.8
```

```
## 9630
          18.8 14.7 10.2
                               1.4 -4.9 -12.3 -6.2
                                                         0.9 - 0.9
                                                                     23.9
                                                                             8.1
                                                                                  15.0
## 9631
          18.7
                20.1 -10.6
                             -7.5 - 10.9
                                            7.5
                                                  20.3
                                                        -4.8
                                                                9.8
                                                                     19.7
                                                                            18.5
                                                                                  21.2
                       -0.7
                                           -6.0
                                                                            21.8
## 9632
          -7.3
                22.1
                               1.3
                                    -8.7
                                                   6.6
                                                        14.3
                                                               21.7
                                                                     23.7
                                                                                  15.3
## 9633
           3.7
                 -3.8
                       -5.4 -11.5
                                      8.4
                                           15.0
                                                  23.6
                                                        22.8
                                                               22.0
                                                                     17.6
                                                                            12.3
                                                                                    2.4
##
  9634
          -3.9 -11.8
                       16.8
                               8.5
                                      3.7
                                           -5.1 -12.2
                                                        -4.0
                                                                1.6
                                                                     13.9
                                                                            16.9
                                                                                  23.6
  9635
          22.6
                15.7
                         8.2 -0.5
                                    -2.9
                                           -1.5
                                                   0.9
                                                         1.6
                                                              12.0
                                                                     18.4
                                                                                  25.4
##
                                                                            24.1
                         1.3 - 14.3
                                    -5.3
                                           -0.1
                                                   0.4
                                                        13.9
                                                               20.1
                                                                     22.9
  9636
          17.3
                  9.8
                                                                            23.7
                       -5.7
                                    -5.7
                                                        18.3
                                                               23.9
## 9637
           8.8
                  2.0
                              -7.4
                                            3.3
                                                  17.4
                                                                     14.2
                                                                             9.1
                                                                                  -1.9
##
  9638
           0.4
                  7.3
                       23.4
                              15.9
                                    -3.3
                                           -2.4 - 10.1
                                                        -0.2
                                                               -0.8
                                                                      2.5
                                                                            13.1
                                                                                  21.3
          22.4
                 19.3
                       -8.5
                              -8.4
                                    23.0
                                           -1.9
                                                  -2.1
                                                               18.9
##
  9639
                                                        15.6
                                                                     17.0
                                                                             9.2
                                                                                  -1.2
                 -8.0
  9640
          -6.6
                       -8.9
                               2.0
                                    14.4
                                           18.0
                                                  20.9
                                                        21.0
                                                               -7.9
                                                                     -8.2
                                                                            21.6
                                                                                    9.9
                                                        -2.8
## 9641
          -3.0
                 -0.7
                       11.3
                              19.1
                                    23.6
                                           24.6
                                                  16.2
                                                               -8.6
                                                                     -2.9
                                                                            -3.0
                                                                                  22.5
##
  9642
          15.2
                  8.9
                       -3.7
                              -8.1
                                    -2.0
                                           12.8
                                                  23.0
                                                        21.3
                                                               10.1
                                                                     -1.6
                                                                            -4.4
                                                                                   0.9
## 9643
                  8.3
                       15.3
                              17.2
                                    24.2
                                           23.4
                                                  20.9
                                                                4.2
                                                                     -2.1
          -1.7
                                                         9.7
                                                                            -3.5
                                                                                    2.5
## 9644
           4.0
                  7.4
                       13.7
                              19.4
                                    23.1
                                           14.7
                                                   9.4
                                                         6.5
                                                               -0.5
                                                                     -3.3
                                                                             0.9
                                                                                    4.5
##
  9645
           8.0
                 15.2
                       23.6
                              24.1
                                    17.9
                                           10.4
                                                  -3.2
                                                        -7.4
                                                               -1.3
                                                                     -5.1
                                                                             3.2
                                                                                  10.9
  9646
          14.9
                 19.9
                       25.1
                              23.8
                                      9.9
                                            4.7
                                                  -2.9
                                                        -2.6
                                                               -0.6
                                                                     -3.8
                                                                                  11.2
##
                                                                             8.3
##
  9647
          22.6
                 26.6
                       22.8
                              17.4
                                      4.8
                                            2.1
                                                  -1.0
                                                        -4.3
                                                               -5.6
                                                                       2.4
                                                                             9.4
                                                                                  13.9
          18.8
## 9648
                 23.1
                       24.9
                              14.5
                                    11.6
                                           -0.2
                                                        -4.9
                                                               -3.0
                                                                      5.4
                                                                             9.8
                                                                                  12.8
                                                  -1.6
## 9649
          16.0
                 21.6
                       20.6
                              18.8
                                    10.2
                                            3.1
                                                  -0.6
                                                        -5.9
                                                                0.7
                                                                      2.8
                                                                             9.3
                                                                                  13.4
                                                                     26.7
##
  9650
          21.1
                 24.2
                       22.8
                               9.5
                                    -5.3
                                            1.9
                                                  -4.2
                                                         0.3
                                                               15.7
                                                                            13.9
                                                                                   7.2
  9651
           1.3
                 -5.6
                       -6.6
                               7.4
                                    25.6
                                           23.0
                                                   3.1
                                                        -5.4
                                                               -6.4
                                                                     -3.8
                                                                             6.9
                                                                                  18.8
          24.1
                       -7.3
                                                                     12.7
## 9652
                22.7
                              18.4
                                    21.2
                                           -5.1
                                                  -5.3
                                                         4.5
                                                                9.9
                                                                            20.0
                                                                                  24.7
          24.4
                 16.8
                       12.0
                               1.5
                                    -4.8
                                           -9.7
                                                  -5.5
                                                         0.8
                                                                7.5
                                                                     12.8
                                                                            19.7
                                                                                  25.7
##
  9653
          23.3
                                                               10.9
                15.6
                       10.9
                               2.8
                                    -2.1
                                           -1.6
                                                  -2.6
                                                         9.2
                                                                            23.9
                                                                                  28.1
##
  9654
                                                                     15.5
  9655
          23.2
                 18.0
                         9.3
                               2.9
                                    -2.6
                                           -4.2
                                                  -1.9
                                                         0.3
                                                                3.7
                                                                     14.1
                                                                            19.8
##
  9656
          23.6
                 20.7
                         7.8
                               1.5
                                    -7.1
                                           -3.5
                                                  -7.0
                                                         0.9
                                                                8.5
                                                                     14.2
                                                                            19.3
                                                                                  22.1
                 17.9
                       11.0
                                           -3.9
                                                  -3.5
                                                                     12.5
                                                                            20.6
##
   9657
          22.4
                              -1.1
                                    -3.2
                                                         5.9
                                                               10.1
                                                                                  23.6
                               2.6
                                                                9.2
  9658
          22.3
                19.7
                       11.3
                                    -3.6
                                           -4.9
                                                   1.6
                                                         5.6
                                                                     14.1
                                                                            22.9
                                                                                  23.5
##
##
  9659
          22.3
                17.4
                       12.5
                               5.7
                                     -6.9
                                           -5.4
                                                  -0.4
                                                         4.0
                                                                9.8
                                                                     14.5
                                                                            22.2
                                                                                  27.3
                                                  -7.2
## 9660
          21.5
                 18.4
                       10.0
                               4.3
                                     -3.4
                                           -4.6
                                                         2.2
                                                                4.7
                                                                     18.1
                                                                            22.2
                                                                                  24.1
## 9661
          22.1
                 18.5
                         7.9
                               1.0
                                    -2.8
                                           -2.8
                                                  -9.8
                                                        -1.1
                                                                8.5
                                                                     12.1
                                                                            20.9
                                                                                  24.3
                         6.4
                                           -2.2
                                                  -0.9
                                                                            23.5
##
   9662
          22.6
                 19.9
                               1.7
                                    -1.7
                                                         4.6
                                                                7.0
                                                                     13.8
                                                                                  25.3
                                                                            23.7
## 9663
          24.9
                 18.1
                         8.0
                               5.9
                                      0.3
                                           -0.4
                                                  -8.1
                                                         6.4
                                                                7.8
                                                                     14.6
                                                                                  26.0
  9664
          25.0
                 20.4
                       12.2
                               6.4
                                    -0.3
                                           -2.1
                                                   1.9
                                                         4.4
                                                               -0.1
                                                                      4.2
                                                                            13.3
                                                                                  18.3
##
  9665
          22.7
                 22.9
                       11.6
                              10.5
                                      2.9
                                           -2.9
                                                   6.9
                                                        14.0
                                                               18.5
                                                                     21.5
                                                                            18.2
                                                                                  14.6
##
##
  9666
           5.9
                  0.6
                         1.7
                              20.1
                                    23.0
                                           20.5
                                                  18.2
                                                        11.2
                                                                6.3
                                                                      0.7
                                                                             9.3
                                                                                  13.5
##
  9667
          16.9
                 22.5
                       11.2
                              -1.2
                                      0.4
                                           10.8
                                                  15.3
                                                        20.2
                                                               24.0
                                                                     22.2
                                                                            19.4
                                                                                  12.6
  9668
          -2.5
                  0.8
                         9.0
                              14.2
                                    18.9
                                           23.4
                                                  19.8
                                                         9.3
                                                                2.1
                                                                     10.5
                                                                            19.3
                                                                                  23.5
##
                                      8.5
                                                               20.6
## 9669
          23.3
                 19.7
                         1.9
                              -0.4
                                           13.8
                                                  19.1
                                                        23.9
                                                                     16.6
                                                                            14.9
                                                                                   7.5
## 9670
          -0.7
                 -0.4
                         7.8
                              13.2
                                    18.3
                                           21.3
                                                  21.5
                                                        18.9
                                                               14.9
                                                                      6.1
                                                                            -2.2
                                                                                  -4.5
## 9671
           7.8
                 13.6
                       18.0
                              22.6
                                    22.8
                                           19.6
                                                   9.2
                                                         2.2
                                                                8.2
                                                                     13.5
                                                                            19.2
                                                                                  23.5
                         8.3
                                                  22.3
                                                               19.8
## 9672
          23.8
                 13.3
                               3.0
                                    10.7
                                           19.5
                                                        21.9
                                                                     16.2
                                                                             7.8
                                                                                    3.9
                       19.0
                              23.3
                                           20.1
                                                  12.9
                                                                0.6
                                                                      1.2
                                                                            10.2
## 9673
           7.9
                 14.8
                                    24.6
                                                         6.7
                                                                                  14.1
                 23.7
                       22.8
                              18.8
                                            2.7
## 9674
          19.2
                                    14.9
                                                   2.8
                                                         6.7
                                                               11.6
                                                                     18.1
                                                                            22.5
                                                                                  22.2
                       10.4
                               2.2
                                                               17.0
## 9675
           18.4
                 13.0
                                      0.7
                                            5.9
                                                   6.0
                                                        13.0
                                                                     24.4
                                                                            25.9
                                                                                  21.5
                                           25.8
## 9676
           2.7
                  2.5
                       13.4
                              17.6
                                    23.4
                                                  25.3
                                                        21.7
                                                               17.8
                                                                      8.3
                                                                             7.5
                                                                                    0.9
           1.5
                         5.2
                              11.5
                                    17.8
                                           21.9
                                                  26.6
                                                               19.9
                                                                                    3.9
## 9677
                  2.9
                                                        24.2
                                                                     14.4
                                                                            10.0
## 9678
           0.1
                  4.7
                        10.8
                              11.5
                                    17.9
                                           24.4
                                                  24.3
                                                        22.9
                                                               18.5
                                                                     15.7
                                                                             8.6
                                                                                    0.3
                         6.2
                                                               20.8
## 9679
           0.5
                  4.5
                              12.9
                                    17.3
                                           24.7
                                                  22.6
                                                        25.0
                                                                     15.6
                                                                            10.3
                                                                                    5.4
## 9680
           5.3
                         8.2
                              13.6
                                    18.3
                                           23.1
                                                  25.8
                                                        25.7
                                                               22.8
                                                                     14.7
                  5.7
                                                                             6.8
                                                                                    2.8
## 9681
          -0.9
                  0.2
                         7.2
                              11.3
                                    16.2
                                           20.9
                                                  24.1
                                                        24.6
                                                               21.4
                                                                     14.1
                                                                            10.3
                                                                                    3.6
## 9682
          -1.6
                  3.2
                         7.5
                              12.6
                                    20.9
                                           21.6
                                                  26.1
                                                        23.4
                                                              22.8
                                                                     12.9
                                                                            10.7
                                                                                   3.0
                                           23.1 25.5
## 9683
           1.0
                  2.6
                         5.7
                             12.8
                                    16.7
                                                        25.3
                                                              24.1
                                                                    14.3
                                                                           10.6
                                                                                    1.1
```

```
## 9684
          6.1
                2.2
                      8.6 14.0 17.4 23.9 27.8 27.4 20.3 12.8 12.7
                                                                          5.7
                                                                    9.0
                      7.2 10.7
                                21.8
                                      26.3 27.8
                                                  27.7
                                                        21.3
                                                             19.9
                                                                          3.1
## 9685
          3.7
                0.5
## 9686
          1.8
                2.9
                      7.2 14.3 15.7 25.5 26.8
                                                  23.1
                                                        20.7
                                                              14.6
                                                                    8.4
                                                                          3.5
                      6.0 13.9
                                            25.2
                                                  24.7
## 9687
         -0.5
                4.0
                                17.6
                                      21.9
                                                        20.9
                                                              13.0
                                                                   11.7
                                                                          1.8
## 9688
          1.8
                1.3
                      9.2 14.0 20.8
                                      26.0
                                            27.5
                                                  26.8
                                                        23.5
                                                              16.2
                                                                   10.1
                                                                          0.3
## 9689
         -0.9
                4.8
                      6.9 15.8 21.9 24.3 30.3
                                                  26.7
                                                        23.1
                                                             16.0
                                                                   12.4
                                                                          5.7
          3.5
                     12.1 12.9 22.6 26.1
                                            27.5
                                                  27.6
                                                        23.3
## 9690
                7.6
                                                             16.9
                                                                     9.0
                                                                          6.0
          5.0
                      4.8 13.0 20.3 23.3
                                            28.2
                                                  23.5
                                                             17.5
## 9691
                4.2
                                                        22.4
                                                                    9.0
                                                                          4.2
## 9692
         -2.5
                1.6
                      3.6 12.9
                                18.2
                                      22.9
                                            24.2
                                                  22.5
                                                        20.4
                                                              14.6
                                                                    6.3
                                                                          4.4
         -0.6
                                                        22.0
                                                                          9.4
## 9693
               -3.7
                      4.3 14.0 21.5
                                      24.4
                                            26.5
                                                  25.7
                                                              13.1
                                                                   12.2
## 9694
          0.2
                3.1
                    10.2 13.4 17.5
                                      24.2
                                            26.3
                                                  26.1
                                                        23.8
                                                              16.8
                                                                     9.1
                                                                          3.6
## 9695
          5.1
                      6.6
                          15.8 18.5
                                      25.7
                                            27.8
                                                  24.9
                                                        20.6
                                                              18.6
                                                                          2.2
                8.2
                                                                     9.9
## 9696
          1.7
                5.5
                      4.5 12.2 22.1
                                      22.7
                                            25.4
                                                  27.2
                                                        23.5
                                                              16.5
                                                                    7.8
                                                                          4.5
## 9697
          0.9
                4.2
                      6.2 15.3 20.6
                                            27.1 26.2 23.2
                                                             16.8
                                      24.7
                                                                     6.8
                                                                          4.4
## 9698
          5.4 -16.7 -14.7
                            9.3 16.5 12.0 -17.4 -26.8 -13.6
                                                            -5.9
                                                                     9.7
                                                                         12.8
## 9699
         17.3 10.4 -2.7 -16.0 -17.3 -12.9
                                            7.5 14.7 10.0
                                                              4.4
                                                                   -2.7 -17.3
        -25.5 -20.5 -4.2 -3.3
                                 6.4
                                       9.6 13.3 -22.7 -17.8 -28.7
                                                                   -7.0 15.8
## 9700
## 9701
         14.5
               8.5 -19.5 -17.9 -16.5
                                      9.7
                                            16.1
                                                   8.5 -6.4 -10.5 -20.7 -25.5
        -16.1 -11.1 -1.2
                           4.6 13.3 15.2 11.9
                                                   5.5 -4.8 -14.1 -24.9 -10.5
## 9702
          3.0 15.7 13.4
## 9703
                           7.1 -3.8 -12.9 -15.5 -21.8 -24.1
                                                             -8.9
                                                                    9.8
                                                                         14.2
                           0.1 -7.3 -26.0 -14.4 -20.4 -9.9 -4.5
## 9704
         14.6 13.8
                     6.2
                                                                    7.2
                                                                         12.4
## 9705
         16.3 11.3
                      6.4 -4.3 -20.5 -26.8 -21.1 -13.3
                                                        8.8 12.7
                                                                   13.0
         -8.1 -17.5 -27.2 -14.4 -16.9
                                      0.1
                                            8.6 17.1 15.3
                                                              7.2
                                                                   -1.2 -6.2
## 9706
        -23.2 -15.0 -14.5 -7.9
                                 2.8 17.0 17.3
                                                   5.7 -8.8 -17.6 -25.4 -19.9
## 9707
        -2.6
               8.1 12.8 12.0
                                5.8 -3.8 -10.6 -19.4 -16.0 -14.6 -2.5 11.3
## 9708
## 9709
         12.8 15.2 12.6
                           4.8 -3.2 -15.3 -10.2 -17.7 -16.5 -2.7
                                                                    8.8
## 9710
         14.7 12.4
                     6.6 -6.3 -16.9 -30.0 -18.5 -12.2 -0.7
                                                              6.1
                                                                   13.5
                                                                         16.2
         13.6 -0.9 -12.7 -15.4 -13.4 -11.4 -3.3
                                                  9.1 14.5 13.3
## 9711
                                                                   -2.1 -10.5
        -20.6 -13.3 -15.6 -2.7
                                 3.0 14.9 14.8 -1.0 -13.2 -29.7
## 9712
                                                                   13.2
                                                                         14.1
## 9713
        -11.2 13.6 15.2 -10.7 -4.7
                                       4.2
                                             9.6 13.5 15.8 11.3
                                                                    6.9
                                                                         -2.9
                                       7.0 -6.3 -19.2 -9.1
## 9714
        -23.4 - 23.6
                      0.4 15.3 13.7
                                                             -5.0
                                                                     0.1
                                                                          4.5
## 9715
         15.0 14.4
                      9.7
                            4.6
                                -5.2
                                      -9.3 -12.4 -9.2 -10.3 -9.8
                                                                     1.6
                                                                          6.0
## 9716
         15.1 14.4 13.7
                            7.8 -5.8 -15.6 -20.2 -12.3 -13.8 -11.9
                                                                    -4.9
                                                                          9.1
## 9717
         13.7 15.4 11.8
                            7.8
                                1.2 -3.6 -12.6 -14.7 -7.2 -12.4
                                                                    0.4
                                                                          7.8
## 9718
         14.8 15.5 13.0
                           4.1
                                0.9 -13.5 -18.2 -24.0 -10.3 -13.0
                                                                    10.7
                                                                         17.8
## 9719
         16.3 -2.0 -9.3 -14.9 -18.0 -14.8 -3.4
                                                  1.6 12.0 15.3
                                                                    15.6
                                                                         14.0
## 9720
          8.1 - 2.5 13.5
                          9.6 0.0 -22.6 -14.9 -17.1
                                                         3.6
                                                               9.9
                                                                    15.6
## 9721
         14.8 -5.2 -6.9 -16.6 -16.9 -1.0
                                             8.6 13.8 13.4
                                                               7.6
                                                                    0.9
                                                                         10.0
## 9722
         18.7 -0.4 -14.4 -19.0 -10.7
                                       2.2
                                            10.8 13.8
                                                       15.9
                                                              14.6
                                                                         -2.2
                                                                     6.8
                                                                         -2.0
## 9723
       -10.0 -24.6 -15.9 -18.9 -11.9
                                       0.5
                                            10.2 14.0 14.7
                                                              12.0
                                                                     8.8
       -20.7 -12.8 -29.5 -8.1 -13.7
                                                  14.4
## 9724
                                       3.2
                                             7.4
                                                       14.9
                                                              13.4
                                                                     8.5
                                                                         -6.0
## 9725
       -21.3 -22.0 -15.3 -13.4 -10.7
                                      -8.2
                                             6.0
                                                  17.3 16.7
                                                              14.4
                                                                     5.9
                                                                          2.9
        -14.2 -19.2 -9.1 -17.0 -8.3
## 9726
                                       0.8
                                             9.6
                                                  12.4
                                                       14.7
                                                              13.5
                                                                    7.1
                                                                         -5.8
         -9.0 -10.6 -16.4 -13.6 -6.8
                                                       15.4
## 9727
                                       2.6
                                            13.6
                                                  14.8
                                                              11.4
                                                                          0.1
                                                                     5.1
       -10.6 -15.5 -8.4 -7.6 -4.4
## 9728
                                       6.0
                                            10.7
                                                  14.9
                                                       15.8
                                                             15.1
                                                                     8.2
                                                                         -2.8
        -11.7 -17.7 -18.3 -12.7 -17.5
## 9729
                                       3.3
                                             9.6
                                                  15.8
                                                       17.3
                                                              14.3
                                                                     8.9
                                                                          0.0
## 9730
        -13.0 -9.1 -17.2 -13.3 -7.5
                                       0.4
                                             8.7
                                                  14.0
                                                       17.7
                                                              13.3
                                                                     8.4
                                                                          2.3
         -8.9 -13.2 -17.5 -13.2
                                0.6
                                       2.7
## 9731
                                            11.0
                                                  16.2
                                                       17.5
                                                              11.7
                                                                     8.8
                                                                         -1.3
                                                                         -3.0
## 9732
        -8.5 -16.2 -26.1 -17.9 -12.3
                                      -0.9
                                            10.3
                                                  13.5
                                                        15.1
                                                              13.4
                                                                    7.5
        -14.2 -13.4 -10.9 -19.1 -13.2
                                      -2.5
## 9733
                                             8.2
                                                  15.5
                                                        16.6
                                                              12.2
                                                                    4.6
                                                                         -2.1
        -17.9 -15.6 -17.6 20.9 17.5
                                      26.5
                                            23.4
                                                  26.4
                                                        26.5
                                                              25.6
## 9734
                                                                    12.5
                                                                         13.3
## 9735
        16.9 20.1 24.0 25.7 26.1 26.5
                                           25.0
                                                  23.1
                                                       16.2 17.5
                                                                   12.7
                                                                         -1.0
         0.5
## 9736
               8.3 10.5 16.7 24.6 25.8 23.7
                                                  18.7 10.6
                                                               8.1
                                                                    0.6
                                                                         -0.6
## 9737
         -6.8
               9.2 11.5 16.2 24.1 24.6 24.6 21.6 14.6
                                                               7.1
                                                                    4.6
                                                                         -4.0
```

```
## 9738
           23.6 27.5
                       26.9
                              26.8
                                    12.2
                                            8.1 27.6
                                                        28.4
                                                               25.9
                                                                      20.5
                                                                             9.4
                                                                                   14.0
          26.1
                 18.6
                       17.0
                              15.1
                                     24.3
                                           26.7
                                                  26.1
                                                        21.6
                                                               14.4
                                                                      13.5
                                                                            19.2
                                                                                   25.8
## 9739
                              26.4
                                     27.4
                                                               10.9
## 9740
          12.4
                 19.5
                       23.1
                                           27.5
                                                  20.5
                                                         13.3
                                                                       9.9
                                                                             21.4
                                                                                   26.8
                                                  23.7
## 9741
          27.4
                 27.1
                       17.6
                              10.3
                                     11.9
                                           19.7
                                                         27.4
                                                               29.2
                                                                      27.9
                                                                            17.3
                                                                                   14.8
## 9742
           16.5
                 21.2
                        26.5
                              27.7
                                     26.8
                                           23.0
                                                  15.3
                                                         24.4
                                                               26.3
                                                                      26.7
                                                                             28.1
                                                                                   28.4
## 9743
          21.8
                 15.2
                       11.0
                              19.7
                                     26.2
                                           26.7
                                                  27.0
                                                         28.2
                                                               27.8
                                                                      13.7
                                                                            13.4
                                                                                   13.6
                        25.4
                              27.6
                                     26.9
                                                  23.3
                                                               10.3
                                                                      11.3
## 9744
          19.6
                 22.4
                                           26.0
                                                         18.6
                                                                            12.5
                                           20.8
                                                  12.9
## 9745
          22.3
                 25.8
                       26.6
                              26.7
                                     24.3
                                                         16.0
                                                               10.3
                                                                      15.2
                                                                            17.4
                                                                                   16.7
## 9746
           12.5
                  5.2
                         6.1
                              -1.8
                                      3.6
                                            8.8
                                                   9.4
                                                         13.9
                                                               17.4
                                                                      19.5
                                                                             18.5
                                                                                   16.4
           5.5
                                             5.2
## 9747
                  4.2
                         5.1
                               7.0
                                     17.9
                                                  11.8
                                                         14.8
                                                                7.6
                                                                      12.4
                                                                             14.0
                                                                                   16.6
## 9748
           19.4
                  5.7
                         7.9
                              13.3
                                     20.2
                                           16.9
                                                  12.9
                                                          7.4
                                                                6.6
                                                                       1.2
                                                                              6.6
                                                                                    7.6
## 9749
           12.4
                 13.1
                       15.7
                              19.4
                                     18.5
                                            12.7
                                                          4.5
                                                                4.0
                                                                       4.6
                                                                              6.8
                                                   8.0
                                                                                    8.8
## 9750
           18.7
                 18.7
                       18.2
                              16.1
                                     11.8
                                             6.6
                                                   3.1
                                                         -2.1
                                                                3.6
                                                                      11.4
                                                                            14.7
                                                                                   16.1
## 9751
                 18.9
                       17.1
                               9.2
                                                          3.5
                                                                       9.6
                                                                            12.3
           18.4
                                      9.8
                                             5.5
                                                  -2.4
                                                                7.1
                                                                                   16.3
## 9752
           18.9
                 20.1
                       16.4
                              11.3
                                             7.8
                                                   4.4
                                                          6.2
                                                                5.6
                                                                      12.1
                                                                            13.9
                                                                                   11.3
                                      8.1
## 9753
           19.7
                 18.8
                       17.3
                              12.2
                                      7.8
                                             3.2
                                                   2.2
                                                          5.6
                                                                7.6
                                                                      11.4
                                                                            14.3
                                                                                   15.8
          20.1
                 20.0
                       18.3
                              14.9
                                      4.9
                                             5.4
                                                   8.7
                                                                7.8
                                                                      10.1
                                                                            12.6
                                                                                   14.9
##
  9754
                                                          6.7
## 9755
           19.2
                 18.8
                       17.1
                              12.6
                                      9.3
                                             6.6
                                                   4.1
                                                          5.9
                                                                6.7
                                                                       9.9
                                                                            13.8
                                                                                   14.6
## 9756
                                                                            11.8
           17.4
                 17.6
                       15.8
                                                   4.4
                                                          4.8
                                                                       8.2
                              11.8
                                      9.9
                                             5.0
                                                                5.3
                                                                                   16.2
## 9757
           17.6
                 18.7
                       15.9
                              12.1
                                      5.3
                                             4.1
                                                   4.6
                                                          2.2
                                                                6.9
                                                                      11.5
                                                                             15.2
                                                                                   19.2
                       16.2
                                                                      11.2
                                                                            15.1
## 9758
          21.7
                 18.1
                              11.1
                                      6.0
                                             4.9
                                                  -0.4
                                                          5.5
                                                                8.0
                                                                                   16.7
## 9759
           18.7
                 18.2
                       18.6
                                      6.7
                                             6.8
                                                   6.6
                                                          9.4
                                                                7.6
                                                                      10.6
                                                                            16.7
                              11.7
                                                                                   18.6
          21.5
                 21.4
                       16.9
                              16.9
                                      7.6
                                                   4.7
                                                          6.1
                                                                8.3
                                                                      11.4
                                                                            13.3
                                                                                   17.2
## 9760
                                             6.6
           20.4
                 18.7
                       15.7
                                             4.3
                                                                      10.5
                                                                            12.3
                                                                                   17.4
## 9761
                              12.5
                                      6.3
                                                   2.0
                                                          5.9
                                                                7.4
          20.7
                                             3.9
                                                                8.7
## 9762
                 18.7
                       16.6
                              12.7
                                      8.1
                                                   6.6
                                                          8.6
                                                                      10.2
                                                                            13.8
                                                                                   18.6
## 9763
          20.9
                 21.4
                       14.4
                              11.9
                                      6.2
                                             5.2
                                                   3.8
                                                          6.2
                                                                7.5
                                                                      11.6
                                                                            12.3
                                                                                   16.6
## 9764
           19.2
                 19.1
                       17.6
                              12.9
                                      8.7
                                             6.0
                                                   1.7
                                                          8.8
                                                                7.4
                                                                       9.3
                                                                            13.8
                                                                                   15.6
  9765
                       18.6
                                                                       8.3
##
           17.4
                 19.0
                              12.4
                                      7.9
                                             3.4
                                                   5.1
                                                          4.6
                                                                6.7
                                                                             11.6
                                                                                   15.0
## 9766
           18.1
                 17.7
                       14.8
                              11.9
                                      5.0
                                             2.9
                                                   4.6
                                                          6.3
                                                                8.7
                                                                      11.0
                                                                            12.4
                                                                                   16.6
## 9767
           20.9
                 20.3
                       15.8
                              14.2
                                      9.8
                                             4.2
                                                   4.6
                                                          6.0
                                                                8.4
                                                                      10.3
                                                                            13.9
                                                                                   16.9
## 9768
           19.1
                 19.7
                        18.0
                              12.1
                                      8.4
                                             6.8
                                                   6.4
                                                          6.5
                                                                6.7
                                                                       8.3
                                                                            13.9
                                                                                   18.8
## 9769
           20.7
                 22.7
                        19.3
                              12.7
                                      7.9
                                             4.7
                                                   4.0
                                                          9.0
                                                                9.0
                                                                       9.0
                                                                            13.3
                                                                                   16.8
## 9770
           20.4
                 18.8
                       16.4
                              11.8
                                      8.1
                                             2.9
                                                  -0.1
                                                          4.3
                                                                8.1
                                                                      10.1
                                                                            15.3
                                                                                   19.2
                                                                                   18.8
## 9771
           19.2
                 18.9
                       17.4
                              11.8
                                                   4.8
                                                          7.8
                                                                            13.9
                                      8.4
                                             6.1
                                                                8.3
                                                                       9.1
## 9772
           20.7
                 20.1
                       15.9
                              11.7
                                      8.4
                                             4.4
                                                   4.7
                                                          6.0
                                                                6.1
                                                                       9.8
                                                                             13.7
                                                                                   15.7
                                                                       8.9
## 9773
          20.7
                 22.0
                       16.0
                              10.8
                                      7.5
                                             4.6
                                                   4.0
                                                          6.6
                                                                9.9
                                                                            15.9
                                                                                   17.8
## 9774
          21.6
                 22.1
                       16.2
                              11.7
                                      9.0
                                             3.0
                                                   3.9
                                                          7.1
                                                                8.8
                                                                      11.3
                                                                             15.2
                                                                                   17.7
## 9775
          21.3
                 18.8
                       18.0
                              12.4
                                      6.8
                                             7.1
                                                   3.3
                                                          6.1
                                                                8.4
                                                                      10.7
                                                                            13.2
                                                                                   17.9
## 9776
           19.6
                 20.3
                       19.6
                              12.9
                                      8.9
                                             6.7
                                                   5.3
                                                          5.0
                                                                7.2
                                                                       8.5
                                                                            14.2
                                                                                   16.6
           20.6
                 18.5
                       18.8
                              11.9
                                      7.7
                                             5.9
                                                   5.7
                                                          5.6
                                                                7.2
                                                                     10.2
                                                                            13.7
                                                                                   15.8
## 9777
           19.6
                 18.0
                       17.9
                                      8.3
                                             4.2
                                                   2.0
                                                          7.0
## 9778
                              12.6
                                                                8.0
                                                                      11.6
                                                                            12.1
                                                                                   17.7
## 9779
           18.6
                 22.1
                       16.0
                              12.1
                                      6.3
                                             5.6
                                                   4.5
                                                          7.1
                                                                9.5
                                                                      10.2
                                                                            12.6
                                                                                   18.3
## 9780
           19.7
                 19.8
                       16.1
                              12.8
                                      3.9
                                             1.8
                                                  -0.7
                                                          6.0
                                                               10.4
                                                                      11.7
                                                                            16.2
                                                                                   18.4
                                                                7.9
## 9781
           21.4
                 20.3
                       19.1
                              14.5
                                      7.2
                                             6.9
                                                   1.7
                                                          4.6
                                                                      12.1
                                                                            14.1
                                                                                   16.0
                       17.7
## 9782
           20.5
                 19.1
                              13.3
                                      9.2
                                             6.7
                                                   6.6
                                                          6.7
                                                                9.3
                                                                      11.4
                                                                            14.2
                                                                                   16.6
                                                                9.2
## 9783
           19.7
                 22.3
                       18.3
                              11.8
                                      9.3
                                             5.9
                                                   4.2
                                                          6.4
                                                                       9.4
                                                                            14.2
                                                                                   18.8
## 9784
           19.7
                 20.3
                       17.3
                              13.1
                                      6.8
                                             5.4
                                                   6.9
                                                          8.5
                                                               10.4
                                                                      11.5
                                                                            15.8
                                                                                   16.6
                              12.3
                                      9.6
                                             2.5
                                                   5.7
                                                               10.6
## 9785
           19.2
                 20.6
                       16.4
                                                          7.7
                                                                      10.2
                                                                            13.6
                                                                                   16.8
           20.6
## 9786
                 20.8
                       17.6
                              11.6
                                      8.2
                                             3.5
                                                   2.3
                                                          5.1
                                                                7.7
                                                                      12.2
                                                                            14.6
                                                                                   18.0
## 9787
           23.4
                 20.7
                       16.0
                              11.5
                                      2.9
                                             0.6
                                                   5.8
                                                          6.5
                                                               10.7
                                                                      10.1
                                                                             14.2
                                                                                   18.9
## 9788
           18.5
                 22.2
                       16.7
                              13.9
                                      8.9
                                             5.0
                                                          7.2
                                                                9.4
                                                                      12.2
                                                                            15.8
                                                   4.4
                                                                                   19.2
## 9789
           19.6
                21.4
                       18.7
                              14.4
                                      9.4
                                             3.9
                                                   3.9
                                                          7.1
                                                                8.5
                                                                      11.2
                                                                            13.6
                                                                                   16.9
## 9790
           20.2 20.0
                       17.9
                              14.6
                                      8.6
                                             5.6
                                                   5.8
                                                          2.2
                                                                7.6
                                                                     13.5
                                                                            14.4
                                                                                   18.0
## 9791
           18.6 18.9 18.5
                             12.7
                                      9.2
                                             4.6
                                                   6.3
                                                          5.5
                                                                9.7
                                                                     12.7
                                                                            13.7
                                                                                   17.6
```

```
10.4 12.6
## 9792
          21.8 21.6
                      19.4
                             12.2
                                      9.1
                                            1.5
                                                   3.8
                                                          9.3
                                                                7.9
                                                                                  15.5
          21.1
                21.2
                       19.7
                              13.0
                                            5.9
                                                         8.9
                                                               11.3
                                                                     13.0
                                                                            17.3
                                                                                   19.6
## 9793
                                      8.6
                                                   6.9
                              13.3
## 9794
          21.2
                21.0
                       16.8
                                      7.9
                                            4.1
                                                   2.5
                                                          4.5
                                                                8.8
                                                                     11.4
                                                                            16.2
                                                                                   16.9
## 9795
          17.9
                 20.3
                       18.7
                              14.1
                                      5.3
                                            5.2
                                                   6.9
                                                          4.9
                                                               10.1
                                                                     12.3
                                                                            15.9
                                                                                   17.2
## 9796
          21.7
                 21.2
                       19.8
                              12.3
                                      5.9
                                            5.7
                                                   6.3
                                                         5.7
                                                                9.1
                                                                     10.7
                                                                            15.9
                                                                                   17.6
## 9797
          21.4
                 19.6
                       19.5
                              12.5
                                     10.9
                                            5.8
                                                   4.8
                                                         5.4
                                                                8.8
                                                                     12.1
                                                                            13.0
                                                                                  17.5
                       16.6
                                                                     10.7
## 9798
          22.3
                 21.4
                              12.4
                                      7.5
                                            5.4
                                                   5.0
                                                          6.2
                                                                8.4
                                                                            16.8
                                                                                   17.1
                 22.0
                       18.9
                                                          7.9
                                                                     11.6
## 9799
          20.5
                              12.1
                                     10.0
                                            5.1
                                                   6.1
                                                                9.4
                                                                            13.5
                                                                                   17.5
##
  9800
          21.7
                 21.7
                       19.3
                              12.4
                                      9.2
                                            4.8
                                                   5.8
                                                          6.5
                                                                7.5
                                                                     10.3
                                                                            12.8
                                                                                   16.2
                 20.6
                              12.9
##
  9801
          19.6
                       18.2
                                     10.1
                                            6.7
                                                   4.4
                                                          6.6
                                                                7.8
                                                                     12.5
                                                                            14.3
                                                                                   18.5
   9802
          20.0
                 19.9
                       17.7
                              13.0
                                      6.1
                                            4.6
                                                   5.0
                                                          5.6
                                                                9.0
                                                                      9.9
                                                                            15.4
                                                                                   16.3
                                                          7.0
  9803
          19.2
                 20.7
                       18.5
                              12.2
                                      9.0
                                            5.7
                                                   5.2
                                                                7.2
                                                                     11.4
                                                                            13.3
##
                                                                                   18.2
##
   9804
          21.1
                 20.8
                       18.1
                              12.4
                                      8.7
                                            6.3
                                                   7.2
                                                          6.9
                                                                9.5
                                                                     10.5
                                                                            14.2
                                                                                   19.0
   9805
          22.0
                       19.3
                              14.8
                                            5.9
                                                                     13.5
##
                 21.2
                                      7.4
                                                   3.6
                                                          7.4
                                                               10.8
                                                                            15.7
                                                                                   18.6
   9806
          22.0
                 22.0
                       17.2
                              13.6
                                      7.7
                                            6.3
                                                   5.4
                                                          6.5
                                                               10.1
                                                                     11.4
                                                                            15.7
                                                                                   16.7
##
##
   9807
          21.3
                 21.6
                       17.0
                              13.6
                                      6.7
                                            4.3
                                                   7.6
                                                         5.7
                                                                8.0
                                                                     11.9
                                                                            15.5
                                                                                   19.2
   9808
          21.7
                 20.7
                       18.5
                              12.3
                                      8.5
                                            4.5
                                                   3.4
                                                                     11.0
                                                                            14.9
##
                                                          6.8
                                                               10.2
                                                                                   17.2
##
   9809
          21.6
                 20.2
                       17.0
                              12.0
                                      7.2
                                            5.0
                                                   3.8
                                                          7.3
                                                                7.5
                                                                      9.3
                                                                            15.0
                                                                                  16.6
          20.5
                                            3.1
                                                                7.5
                                                                            15.7
  9810
                 21.0
                       18.5
                              12.1
                                                   4.5
                                                                     11.4
##
                                      9.6
                                                         5.4
                                                                                   18.8
## 9811
          23.2
                 21.1
                       19.0
                              12.6
                                      8.8
                                            2.1
                                                   7.2
                                                         8.1
                                                                9.0
                                                                     10.6
                                                                            12.8
                                                                                   15.8
                       18.0
                                                                7.8
##
  9812
          19.7
                 20.1
                              12.8
                                      7.2
                                            5.9
                                                   5.4
                                                          4.6
                                                                      8.8
                                                                            12.3
                                                                                   16.5
## 9813
          19.3
                 21.0
                       19.7
                              13.1
                                      7.2
                                            4.0
                                                   4.9
                                                          6.3
                                                                7.2
                                                                     11.7
                                                                            14.4
                              13.3
          20.0
                 21.7
                       18.9
                                      9.3
                                            6.0
                                                   3.3
                                                          6.9
                                                                9.3
                                                                     11.3
                                                                            15.4
## 9814
                                                                                   18.5
                 21.8
                       18.2
                              11.9
                                      7.6
                                                                9.5
                                                                     12.1
                                                                            16.2
                                                                                   17.6
## 9815
          21.1
                                            2.5
                                                   5.2
                                                          4.6
                 22.8
                       19.8
                              15.6
                                      8.0
                                                                                   20.6
## 9816
          22.1
                                            6.7
                                                   5.9
                                                          9.3
                                                               10.9
                                                                     11.1
                                                                            15.5
## 9817
          22.7
                 22.0
                       17.2
                              15.4
                                      7.5
                                            6.2
                                                   5.7
                                                          9.2
                                                                9.8
                                                                     14.0
                                                                            16.3
                                                                                   18.6
## 9818
          19.8
                 21.6
                       17.0
                              13.1
                                     11.2
                                            3.2
                                                   0.6
                                                          4.6
                                                                8.5
                                                                     10.3
                                                                            15.1
                                                                                   18.0
                       18.8
                              11.9
##
   9819
          20.4
                 22.3
                                      8.4
                                            4.4
                                                   7.3
                                                         5.9
                                                                8.2
                                                                     11.9
                                                                            16.6
                                                                                   18.0
                       17.5
                                                                            16.8
##
  9820
          22.7
                 21.6
                              13.3
                                      8.9
                                            6.6
                                                   6.2
                                                                8.2
                                                                     12.4
                                                                                  18.7
                                                          3.1
## 9821
          21.3
                 22.1
                       18.0
                              10.8
                                      8.2
                                            6.1
                                                   7.7
                                                          6.6
                                                                8.0
                                                                     12.5
                                                                            15.8
                                                                                   17.9
## 9822
          21.2
                 21.7
                       19.7
                              13.4
                                      8.0
                                            6.6
                                                   7.1
                                                         5.5
                                                                8.4
                                                                     12.9
                                                                            15.6
                                                                                   21.5
##
  9823
          22.8
                 22.5
                       19.1
                              12.6
                                     10.2
                                            5.3
                                                   5.1
                                                        27.0
                                                               21.8
                                                                     15.6
                                                                            19.6
                                                                                   19.1
                                     28.3
##
   9824
          12.0
                 17.9
                       21.6
                              26.2
                                           29.6
                                                  28.1
                                                        26.8
                                                               22.5
                                                                     14.5
                                                                            13.0
                                                                                   5.9
  9825
                                                                            19.8
          12.4
                 16.8
                       28.0
                              28.8
                                     25.4
                                           21.4
                                                  14.7
                                                        13.0
                                                               12.5
                                                                     13.2
                                                                                  24.0
##
##
   9826
          26.7
                 28.8
                       29.2
                              27.3
                                     24.0
                                           14.6
                                                  12.4
                                                         9.8
                                                               11.7
                                                                     15.9
                                                                            20.7
                                                                                   24.4
##
  9827
          28.5
                 27.6
                       28.4
                              24.7
                                     21.2
                                           17.4
                                                  10.4
                                                        15.3
                                                               15.1
                                                                     22.4
                                                                            25.6
                                                                                   27.5
##
  9828
          29.0
                 30.3
                       24.9
                              20.7
                                     15.1
                                           11.0
                                                  11.1
                                                        15.2
                                                               16.8
                                                                     20.9
                                                                            16.7
##
  9829
          11.9
                 13.9
                       20.2
                              20.4
                                     24.5
                                           28.0
                                                  29.3
                                                        29.4
                                                               27.2
                                                                     20.7
                                                                            18.5
                                                                                   11.5
  9830
          10.3
                 14.1
                        18.7
                              22.5
                                     24.5
                                           26.7
                                                  29.9
                                                        29.1
                                                               26.0
                                                                     22.9
                                                                            16.7
                                                                                   13.9
##
##
  9831
           9.6
                  9.9
                       14.4
                              20.6
                                     24.3
                                           28.4
                                                  29.6
                                                        28.3
                                                               27.5
                                                                     25.2
                                                                            15.2
                                                                                   12.7
  9832
                       16.7
                              22.4
                                     26.0
                                           29.2
                                                  29.0
                                                        29.3
           8.2
                12.1
                                                               25.7
                                                                     21.8
                                                                            14.3
## 9833
                                                               21.9
          14.3
                17.4
                       18.6
                              25.6
                                     27.6
                                           28.6
                                                  28.6
                                                        27.6
                                                                     17.4
                                                                            14.2
                                                                                   15.4
                       20.3
                              25.7
                                     27.6
                                                                     16.5
##
  9834
          15.0
                 17.1
                                           29.3
                                                  29.0
                                                        27.0
                                                               24.1
                                                                            12.7
                                                                                   11.9
  9835
                 17.4
                       21.1
                              24.4
                                           30.3
                                                               23.4
##
          13.0
                                     27.7
                                                  31.0
                                                        27.2
                                                                     15.1
                                                                            13.9
                                                                                   15.9
                       19.4
                              23.6
                                                               19.7
##
  9836
          15.5
                 16.4
                                     27.8
                                           29.4
                                                  30.7
                                                        26.1
                                                                     15.4
                                                                            11.6
                                                                                   14.0
                       21.6
                              25.2
## 9837
          13.3
                 20.6
                                     30.4
                                           30.7
                                                  29.6
                                                        26.6
                                                               22.3
                                                                     15.8
                                                                            10.3
                                                                                   12.3
##
  9838
          17.1
                 17.6
                       23.2
                              24.3
                                     28.6
                                           30.6
                                                  30.3
                                                        28.7
                                                               23.1
                                                                     16.3
                                                                            15.0
                                                                                   12.4
  9839
                       23.1
                              26.1
                                     27.5
                                           29.1
                                                               22.2
                                                                                   11.6
##
          13.7
                 18.2
                                                  29.4
                                                        27.6
                                                                     16.2
                                                                            12.5
##
  9840
          14.5
                 17.5
                       21.3
                              25.9
                                     28.9
                                           29.4
                                                  29.5
                                                        27.0
                                                               23.1
                                                                     14.9
                                                                            13.9
                                                                                   12.0
                                           30.2
##
  9841
          17.1
                 16.9
                       19.5
                              23.3
                                     26.8
                                                  29.8
                                                        25.4
                                                               19.6
                                                                     14.0
                                                                            13.6
                                                                                   10.1
  9842
          10.2
                 13.8
                       20.3
                              24.4
                                     28.2
                                           29.5
                                                  30.0
                                                        26.3
                                                               20.1
                                                                     16.6
                                                                            10.6
##
                                                                                    9.3
                       18.3
## 9843
          11.8
                 15.0
                              24.7
                                     28.2
                                           28.5
                                                  28.6
                                                        26.9
                                                               21.1
                                                                     11.5
                                                                            12.2
                                                                                    9.7
## 9844
           9.5
                 12.5
                       20.2
                              23.1
                                     28.3
                                           28.1
                                                  27.8
                                                        25.3
                                                               22.3
                                                                     15.9
                                                                             9.0
                                                                                    7.4
## 9845
          12.1 17.7
                      19.4
                              25.3
                                     26.2
                                           26.3
                                                  26.6
                                                        25.7
                                                               20.3
                                                                     13.7
                                                                            11.3
                                                                                    7.0
```

```
## 9846
          16.9 14.7
                       20.1
                             24.7
                                    27.0
                                          29.8
                                                 30.1
                                                       26.4
                                                              24.0
                                                                   15.2
                                                                           10.7
                                                                                  7.0
          10.9
## 9847
                18.1
                       23.1
                             25.3
                                    28.2
                                          28.6
                                                 29.6
                                                       26.7
                                                              22.6
                                                                    16.5
                                                                            7.3
                                                                                  9.6
                             24.9
                                                                           10.7
## 9848
           9.2
                15.5
                       21.3
                                    27.0
                                          29.3
                                                 29.3
                                                       26.1
                                                              18.9
                                                                    16.6
                                                                                 12.0
                                    26.3
##
  9849
          10.0
                12.4
                       21.2
                              23.1
                                          28.3
                                                 27.6
                                                       26.5
                                                              18.7
                                                                    17.5
                                                                           13.1
                                                                                  7.7
##
   9850
          10.0
                15.5
                       21.1
                              23.4
                                    26.5
                                          29.2
                                                 28.0
                                                       25.4
                                                              20.4
                                                                    18.3
                                                                           10.9
                                                                                 10.7
  9851
          12.0
                19.5
                       24.4
                             24.9
                                    29.0
                                          28.6
                                                 26.9
                                                       23.9
                                                              19.9
                                                                    16.3
                                                                          11.2
                                                                                 10.1
##
                       19.4
                              24.9
                                    26.9
                                          27.8
                                                 28.8
                                                       23.4
                                                              21.6
                                                                    14.2
   9852
           9.0
                13.4
                                                                           11.6
                12.9
                       20.3
                             23.0
                                    26.7
                                          29.8
                                                 29.1
                                                       25.7
## 9853
          12.3
                                                              20.7
                                                                    15.4
                                                                           12.9
                                                                                  7.8
##
  9854
          12.9
                14.4
                       21.2
                              22.8
                                    26.3
                                          29.4
                                                 28.9
                                                       25.7
                                                              19.2
                                                                    13.5
                                                                           15.6
                                                                                 13.1
                18.5
                       20.8
                             24.2
                                    26.5
                                          28.1
                                                              21.9
##
   9855
          13.4
                                                 25.2
                                                       25.6
                                                                    16.4
                                                                           14.2
                                                                                 11.8
   9856
          13.8
                19.0
                       23.2
                              24.0
                                    27.5
                                          27.5
                                                 27.1
                                                       27.4
                                                              22.2
                                                                    12.5
                                                                            8.4
                                                                                 11.1
                       23.7
                                          27.8
  9857
          18.9
                18.9
                              26.2
                                    28.4
                                                 26.3
                                                       22.5
                                                              18.8
                                                                    11.2
##
                                                                           10.6
                                                                                 13.6
##
   9858
          19.9
                20.9
                       25.2
                              26.3
                                    28.3
                                          27.3
                                                 22.4
                                                       20.1
                                                              14.1
                                                                    10.5
                                                                           12.8
                                                                                 11.9
   9859
          16.5
                20.6
                       23.4
                              26.3
                                    27.2
                                          27.2
                                                 24.1
                                                       21.2
                                                              15.9
##
                                                                    11.3
                                                                            9.7
                                                                                 15.4
  9860
          17.0
                 20.6
                       20.3
                              26.5
                                    26.3
                                          28.2
                                                 25.9
                                                       17.1
                                                              11.9
                                                                     8.7
                                                                            6.1
                                                                                 12.8
##
##
   9861
          16.6
                23.4
                       26.8
                              28.8
                                    29.4
                                          27.9
                                                 21.6
                                                       16.2
                                                              11.9
                                                                     7.2
                                                                            8.7
                                                                                 15.8
   9862
          20.5
                 26.2
                       28.6
                              30.5
                                    28.1
                                          25.6
                                                 21.0
                                                       17.3
                                                              11.8
                                                                     6.5
                                                                           11.3
                                                                                 17.2
##
##
   9863
          20.9
                23.5
                       25.7
                              27.4
                                    27.6
                                          24.7
                                                 22.3
                                                       13.9
                                                              13.1
                                                                    11.7
                                                                           11.7
          19.8
                                          28.7
  9864
                24.5
                       29.8
                             30.9
                                    29.1
                                                 21.4
                                                       14.2
                                                              13.7
                                                                    12.0
                                                                           13.9
##
                                                                                 17.1
##
  9865
          22.7
                 24.9
                       26.9
                              28.2
                                    28.4
                                          26.1
                                                 21.0
                                                       16.1
                                                              11.2
                                                                    11.4
                                                                           11.0
                                                                                 18.6
                                                       16.4
##
  9866
          19.4
                23.5
                       27.8
                              29.7
                                    29.5
                                          26.7
                                                 21.1
                                                              12.5
                                                                     9.9
                                                                           11.9
                                                                                 15.8
   9867
          18.4
                24.1
                       26.8
                              28.4
                                    29.2
                                          25.7
                                                 22.1
                                                       18.7
                                                               6.1
                                                                     8.7
                                                                           12.7
                                                 22.6
## 9868
          20.9
                25.0
                       27.5
                              28.5
                                    28.9
                                          26.1
                                                       16.3
                                                              15.8
                                                                     7.2
                                                                          10.9
                                                                                 18.7
          20.8
                 25.3
                       27.3
                              28.3
                                    30.2
                                          26.7
                                                 22.6
                                                       18.1
                                                              10.0
                                                                    12.4
                                                                                 17.2
##
  9869
                                                                           15.3
                                                                                 15.4
          22.6
                23.5
                       26.4
                              28.8
                                    29.7
                                          28.0
                                                              11.5
                                                                    10.9
## 9870
                                                 21.6
                                                       15.5
                                                                          13.6
                                                 22.5
  9871
          18.9
                 23.5
                       26.9
                              28.8
                                    29.5
                                          26.8
                                                       15.6
                                                              12.6
                                                                     9.0
                                                                           12.9
## 9872
          20.6
                24.2
                       27.9
                              28.6
                                    29.6
                                          26.4
                                                 22.2
                                                       18.2
                                                              13.5
                                                                    13.1
                                                                           10.6
                                                                                 16.7
  9873
                 27.2
                       28.5
                                    29.8
                                          26.4
                                                               7.1
##
          21.3
                              30.1
                                                 21.9
                                                       16.9
                                                                    14.3
                                                                           15.8
                                                                                 16.4
          20.9
                26.3
                       30.8
                              28.6
                                    29.6
## 9874
                                          26.7
                                                 20.7
                                                       17.2
                                                              11.1
                                                                     9.3
                                                                           13.4
                                                                                 17.7
## 9875
          22.4
                 25.0
                       27.6
                              28.1
                                    28.9
                                          24.5
                                                 22.6
                                                       14.3
                                                              13.1
                                                                    10.3
                                                                           14.7
                                                                                 17.2
## 9876
          20.6
                22.2
                       27.3
                              28.2
                                    27.9
                                          26.4
                                                 22.1
                                                       13.9
                                                              13.0
                                                                    10.7
                                                                           13.1
                                                                                 16.4
##
  9877
          19.6
                23.3
                       27.6
                              28.4
                                    29.3
                                          26.5
                                                 20.7
                                                       13.2
                                                              13.2
                                                                    11.4
                                                                           13.0
                                                                                 17.1
                23.3
                       27.4
                              29.2
##
   9878
          21.0
                                    28.1
                                          24.5
                                                 21.8
                                                       17.7
                                                              13.4
                                                                    11.4
                                                                           13.9
  9879
          21.0
                25.2
                       26.3
                              29.1
                                    28.9
                                          26.4
                                                 21.1
                                                       15.2
                                                              13.1
                                                                    10.6
                                                                           14.4
##
                                                                                 14.2
                       28.9
##
  9880
          20.8
                27.7
                              30.7
                                    29.1
                                          25.8
                                                 22.3
                                                       16.3
                                                              12.5
                                                                     9.5
                                                                           11.8
                                                                                 17.4
##
  9881
          17.8
                23.3
                       26.5
                              29.5
                                    30.0
                                          27.9
                                                 21.2
                                                       14.1
                                                              10.2
                                                                    13.7
                                                                           13.0
                                                                                 15.5
##
  9882
          19.3
                26.5
                       30.1
                              31.1
                                    28.6
                                          26.9
                                                 21.8
                                                       16.8
                                                              11.5
                                                                    12.5
                                                                           16.5
##
  9883
          21.8
                24.5
                       27.7
                              28.2
                                    30.1
                                          26.8
                                                 20.9
                                                       17.2
                                                              12.3
                                                                    12.9
                                                                          17.0
                                                                                 19.4
   9884
          21.5
                25.9
                       27.2
                              29.8
                                    30.2
                                          27.2
                                                 21.7
                                                       13.8
                                                               8.0
                                                                     9.5
                                                                          14.1
                                                                                 13.6
##
                             29.7
##
  9885
          21.5
                24.6
                       28.1
                                    29.7
                                          24.9
                                                 19.9
                                                       17.2
                                                             12.1
                                                                    12.1
                                                                          10.5
                                                                                 15.7
          22.9
                 24.9
                       28.6
                              28.1
                                    28.6
                                          25.9
                                                 21.5
                                                       14.3
                                                              12.1
                                                                    10.1
   9886
                                                                           11.7
                             27.1
                                                             12.2
## 9887
          21.9
                26.9
                       27.3
                                    28.2
                                          24.5
                                                 21.5
                                                       17.2
                                                                    12.5
                                                                          11.5
                                                                                 19.0
                       27.1
                              28.3
                                    27.7
                                          26.9
                                                 24.0
                                                       15.9
                                                              11.8
##
  9888
          19.6
                 23.8
                                                                    13.3
                                                                           13.5
                                                                                 16.8
          20.2
                23.9
                       28.1
                              28.9
                                    29.5
                                          29.1
                                                 21.4
                                                                    14.6
##
   9889
                                                       17.7
                                                              11.7
                                                                          13.2
                                                                                 19.7
                       28.7
                                          26.2
                                                 22.5
   9890
          24.8
                26.0
                              28.6
                                    31.3
                                                       17.7
                                                              12.4
                                                                     9.1
                                                                           12.7
                                    27.8
                                          26.1
                                                 22.8
                                                              13.5
## 9891
          18.6
                24.1
                       26.3
                              26.9
                                                       16.8
                                                                    10.9
                                                                           16.5
                                                                                 17.8
##
  9892
          21.5
                 26.3
                       29.5
                              28.9
                                    29.1
                                          26.4
                                                 21.3
                                                       17.6
                                                              12.8
                                                                    11.8
                                                                           16.6
                                                                                 18.4
  9893
          21.6
                26.0
                       29.7
                              31.5
                                    30.5
                                          25.8
                                                       16.1
                                                               9.1
                                                                                 15.2
##
                                                 21.1
                                                                     9.9
                                                                           10.0
##
  9894
          20.8
                25.3
                       28.5
                              28.8
                                    30.8
                                          26.7
                                                 21.8
                                                       17.4
                                                              12.0
                                                                    11.1
                                                                          12.5
                                                                                 19.3
                                                 22.5
                                                              12.1
##
   9895
          24.2
                26.5
                       30.1
                              31.2
                                    32.4
                                          29.1
                                                       16.9
                                                                    13.1
                                                                           14.1
                                                                                 19.1
   9896
          23.1
                 25.1
                       29.1
                              28.9
                                    30.0
                                          25.9
                                                 21.4
                                                       17.2
                                                              13.9
                                                                    12.3
                                                                           15.0
##
                                                                                 17.1
                24.3
                       28.8
                                                              11.2
##
  9897
          19.7
                             29.1
                                    31.4
                                          28.4
                                                 23.3
                                                       16.1
                                                                    10.4
                                                                          12.4
                                                       14.0
## 9898
          22.0
                24.5
                       27.6
                             29.4
                                    30.3
                                          26.9
                                                 24.6
                                                              13.7
                                                                     9.3
                                                                          11.6
                                                                                 16.0
                       26.9
                                          28.0 24.2 17.8 14.2 11.2
## 9899
          21.5 24.2
                             29.0
                                    29.9
                                                                          14.8
                                                                                 18.6
```

```
## 9900
          21.8 24.8
                      28.4
                            29.5
                                  28.6 27.7 23.2 19.0 13.1 15.0
          21.7
## 9901
                24.9
                      27.8
                            29.9
                                  29.4
                                        26.9
                                               22.1
                                                     18.5
                                                           11.5
                                                                 10.5
                                                                       15.3
                                                                             19.0
## 9902
          20.7
               27.3
                      30.2
                            30.6
                                  30.6
                                        25.6 22.0
                                                     13.5
                                                           12.1
                                                                 12.1
                                                                       14.8
                            29.7
                                  31.5
## 9903
          20.3
                25.6
                      27.6
                                        30.1
                                               21.9
                                                     13.8
                                                           13.0
                                                                 13.7
                                                                        12.5
                                                                              20.5
## 9904
          21.2
                24.6
                      27.7
                            29.1
                                  30.2
                                        25.6
                                               21.3
                                                     17.9
                                                           11.5
                                                                 12.0
                                                                       -0.4
                                                                              14.3
## 9905
          18.4
               25.2
                      26.7
                            27.9
                                  26.0
                                        18.6
                                               10.5
                                                     10.3
                                                            1.6
                                                                 -3.8
                                                                        1.5
                                                                               8.8
                20.4
                       3.4
                            -4.3
                                        17.7
                                               19.6
                                                     -4.3
                                                          10.9
                                                                 -6.5
## 9906
          12.0
                                  14.1
                                                                        23.6
                                                                               0.3
          -2.5
               -1.1
                       7.8
                                  15.9
                                        19.2
                                               15.0
                                                     -6.7 -11.5
                                                                  7.4
## 9907
                            18.8
                                                                       -3.6
                                                                              -2.8
  9908
          -2.2
                17.4
                       0.9
                            20.0
                                  -0.9
                                         6.5
                                               13.5
                                                     20.3
                                                           24.1
                                                                 21.8
                                                                        15.7
                                                                               6.7
##
  9909
          -0.1
                -2.3
                      -6.2
                                        21.5
                                                           16.3
                                                                 12.8
                                                                               0.2
                             9.1
                                  14.0
                                               21.6
                                                     21.8
                                                                         2.9
  9910
          -7.4
                27.0
                      27.6
                            29.0
                                  27.3
                                        15.0
                                               18.3
                                                     21.4
                                                           25.2
                                                                 27.2
                                                                        29.2
                                                                              27.8
                      20.4
                                                     22.0
                                                           26.2
                                                                 27.7
                                                                       27.5
## 9911
          27.5
                24.1
                            18.1
                                  17.3
                                        15.7
                                               19.4
                                                                              28.3
## 9912
          27.0
                22.3
                      18.8
                            16.8
                                  15.3
                                        19.8
                                               21.2
                                                     23.6
                                                           25.3
                                                                 28.6
                                                                        28.1
                                                                              28.3
          28.3
               19.7
                      14.9
                            15.6
                                        22.5
                                               24.3
                                                     25.0
                                                           27.7
                                                                        27.7
                                                                              27.6
## 9913
                                  18.4
                                                                 27.4
## 9914
          24.3
                19.3
                      15.7
                            17.2
                                  22.7
                                         26.0
                                               26.6
                                                     27.9
                                                           27.7
                                                                 24.7
                                                                        23.3
                                                                              19.4
## 9915
          20.5
                13.1
                      16.8
                            24.5
                                  25.6
                                        26.3
                                               24.3
                                                     21.1
                                                           18.0
                                                                 15.0
                                                                       19.1
                                                                              22.4
          23.6
                26.0
                      27.3
                            27.6
                                  27.0
                                        23.7
                                               23.3
                                                     20.2
                                                           19.3
                                                                 20.9
                                                                              22.8
## 9916
                                                                       19.7
## 9917
          25.7
                26.8
                      25.3
                            17.6
                                  18.6
                                        20.8
                                               18.9
                                                     19.4
                                                           19.7
                                                                 25.5
                                                                       27.8
                                                                              26.5
          26.9
## 9918
                25.9
                      24.3
                            17.5
                                  14.2
                                        15.6
                                               16.1
                                                     19.7
                                                           21.0
                                                                 25.0
                                                                       27.9
                                                                              29.2
## 9919
          28.2 24.8 18.3
                            19.1
                                  17.9
                                        17.5
                                               20.4
                                                     21.4
                                                           25.8
                                                                 28.7
                                                                        27.8
                                                                              27.7
                      19.2
                                  16.4
                                        17.8
                                               21.1
## 9920
          26.5
               22.3
                           15.4
                                                     21.9
                                                           26.5
                                                                 27.0
                                                                       27.7
                                                                              27.0
## 9921
          26.3
               23.0
                     19.4
                            17.7
                                  17.0
                                        17.8
                                               17.7
                                                     23.8
                                                           24.4
                                                                 27.3
                                                                        27.3
               23.1 18.2
## 9922
          27.0
                           15.0
                                  15.4
                                        17.2
                                               19.6
                                                     22.8
                                                           25.6
                                                                 26.2
                                                                       27.0
                                                                              28.2
          27.9
                24.0
                      19.6
                            16.4
                                  13.6
                                        19.1
                                               18.7
                                                     21.0
                                                           25.9
                                                                 26.8
                                                                        27.5
                                                                              28.2
## 9923
               22.8 18.4
                                                     23.0
          26.0
                            18.9
                                  18.2
                                        20.1
                                               19.3
                                                           25.7
                                                                       28.2
                                                                              27.5
## 9924
                                                                 27.6
## 9925
          27.0
                22.5
                      21.0
                            15.5
                                  12.3
                                        11.6
                                               17.7
                                                     21.9
                                                           25.1
                                                                 28.0
                                                                        28.1
## 9926
          28.0
                23.6
                      22.5
                            16.6
                                  14.8
                                        20.3
                                               18.2
                                                     22.4
                                                           25.8
                                                                 27.5
                                                                       27.6
                                                                              27.1
                26.0 19.9
                                  16.0
                                        15.7
                                               16.7
                                                     22.5
                                                           24.6
## 9927
          26.8
                            16.1
                                                                 26.8
                                                                        28.1
                                                                              28.0
               21.6 14.5
                            14.2
                                                           26.8
## 9928
          25.2
                                  18.2
                                        21.2
                                               20.4
                                                     24.9
                                                                 27.5
                                                                        27.8
                                                                              27.7
## 9929
          24.7
                21.3
                     17.8
                            15.9
                                  19.2
                                        18.7
                                               21.6
                                                     25.3
                                                           26.5
                                                                 29.0
                                                                        27.7
                                                                              27.1
## 9930
          24.5
               17.5
                     14.5
                            14.8
                                  14.1
                                         19.9
                                               22.4
                                                     24.6
                                                           26.8
                                                                 27.7
                                                                        27.4
                                                                              26.4
##
  9931
          23.1
                18.1
                      12.1
                            13.9
                                  13.8
                                        19.5
                                               22.9
                                                     24.9
                                                           27.1
                                                                 26.7
                                                                        27.4
                                                                              26.4
## 9932
          22.1
                20.9
                      18.2
                            15.7
                                  17.2
                                        18.5
                                               22.4
                                                     25.1
                                                           26.0
                                                                 25.9
                                                                        26.8
                                                                              26.6
                                                                 26.9
                                                                       26.0
## 9933
          22.9
               19.2 15.5
                            13.7
                                  15.0
                                        17.7
                                               20.8
                                                     24.9
                                                           27.4
                                                                              23.6
## 9934
          18.4 15.3
                      17.1
                            15.5
                                  19.5
                                        22.7
                                               24.7
                                                     26.0
                                                           26.7
                                                                 26.2
                                                                        25.7
                                                                              22.6
## 9935
          18.4 18.5
                      15.5
                            13.2 16.6
                                        22.7
                                               24.4
                                                     25.9
                                                           26.5
                                                                 27.4
                                                                       26.4
                                                                             18.3
## 9936
          14.4 15.2
                     15.1
                            15.4 22.4
                                        24.2
                                               27.7
                                                     27.8
                                                           26.8
                                                                 25.9
                                                                        24.3
                                                                              17.1
## 9937
          14.5
               12.1
                      14.2
                            18.1
                                  23.8
                                        26.1
                                               27.7
                                                     26.4
                                                           23.9
                                                                 17.1
                                                                       16.0
                                                                              13.9
## 9938
          21.3
               25.0
                      27.0
                            27.1
                                  26.7
                                        27.0
                                               24.5
                                                     21.8
                                                           15.8
                                                                 17.1
                                                                        21.5
                                                                              22.2
                      26.6
                            27.6
                                  28.1
                                                           18.0
## 9939
          25.1
               26.4
                                        23.5
                                               20.6
                                                     16.3
                                                                 20.1
                                                                       23.0
                                                                              26.9
## 9940
               27.6
                      27.3
                            26.6
                                  24.9
                                        19.8
                                               15.7
                                                     13.5
                                                                 21.9
                                                                        25.1
          27.4
                                                           17.3
## 9941
          27.2 27.0
                      25.8
                            21.6
                                  16.6
                                        14.8
                                               10.5
                                                     13.8
                                                           20.8
                                                                 24.9
                                                                        27.7
                                                                              27.1
                      21.8
                                  15.4
                                        12.8
                                                     17.3
                                                           25.9
## 9942
          26.4
                26.4
                            19.7
                                               11.9
                                                                 27.4
                                                                        26.6
                                                                              27.0
          26.8
               23.8
                      22.2
                            18.6
                                  14.0
                                                     25.6
                                                           28.4
                                                                 28.5
                                                                              26.0
## 9943
                                        15.1
                                               19.0
                                                                        26.3
                      17.4
                                               25.6
## 9944
          23.1
                20.5
                            17.1
                                  13.9
                                        19.8
                                                     28.3
                                                           27.4
                                                                 27.9
                                                                        26.6
                      10.2
                            16.0
                                        24.1
                                               27.8
## 9945
          19.7
               14.3
                                  17.2
                                                     28.3
                                                           26.9
                                                                 26.3
                                                                        24.6
                                                                              19.1
                                        27.3
## 9946
          16.0
               16.5
                      20.2
                            20.9
                                  24.8
                                               27.4
                                                     27.3
                                                           26.4
                                                                 23.5
                                                                        21.3
                                                                              19.5
          14.6
               15.6
                      17.2
                            24.4
                                  26.6
                                        28.3
                                               28.3
                                                           25.4
                                                                              14.1
## 9947
                                                     26.9
                                                                 19.5
                                                                       16.7
## 9948
          16.8
               18.4
                      24.7
                            26.1
                                  26.3
                                        27.2
                                               26.2
                                                     24.3
                                                           18.4
                                                                 19.0
                                                                       13.3
                                                                             17.0
                      27.4
                            26.9
                                  27.2
                                        26.1
## 9949
          20.3
               25.5
                                               25.7
                                                     23.2
                                                           15.1
                                                                 14.9
                                                                       18.0
                                                                             18.5
## 9950
          20.6
                24.7
                      26.5
                            27.5
                                  27.1
                                        27.2
                                               24.4
                                                     23.9
                                                           18.8
                                                                 15.0
                                                                       17.1
                                                                              18.6
                                  28.2
## 9951
          18.9
               24.9
                      28.1
                           27.7
                                        26.9
                                               21.3
                                                     19.9
                                                           17.4
                                                                 14.3
                                                                       14.6
                                        28.5
## 9952
          21.4 24.3
                      28.0
                            28.7
                                  28.7
                                              24.0
                                                     22.8
                                                           17.9
                                                                 19.8
                                                                       18.5
                                                                             20.7
          22.2 25.8 27.5 28.2 28.1 27.5 24.0 20.3 13.4 19.3 20.7
## 9953
                                                                             21.8
```

```
## 9954
          22.3
                26.1
                       28.4
                              28.8
                                    28.8
                                          28.9
                                                 25.9
                                                       21.8
                                                             18.7 18.7
                                                                           18.1
                                                                                  20.1
## 9955
          24.9
                 26.9
                       27.6
                              27.9
                                    28.4
                                          28.0
                                                 25.1
                                                       18.7
                                                              18.1
                                                                    15.4
                                                                           17.6
                                                                                 18.2
          20.8
                              29.0
## 9956
                 23.5
                       27.6
                                    28.0
                                          27.8
                                                 22.5
                                                        21.1
                                                              17.9
                                                                    19.4
                                                                           15.7
                              28.8
                                    28.7
                                                 24.3
                                                        20.6
##
  9957
          19.6
                 24.5
                       27.7
                                          27.7
                                                              15.3
                                                                    15.9
                                                                           19.4
                                                                                  20.0
  9958
          24.1
                 25.7
                       28.1
                              27.6
                                    27.6
                                           26.8
                                                 24.7
                                                        22.4
                                                              18.4
                                                                    14.9
                                                                           16.3
  9959
          23.1
                 27.6
                       26.8
                              28.3
                                    28.5
                                          27.8
                                                 25.4
                                                       18.4
                                                              16.0
                                                                    15.0
                                                                           15.5
                                                                                 16.8
##
                 26.3
                       27.1
                              28.7
                                    28.4
                                          27.7
                                                 24.3
                                                        20.0
                                                              17.3
                                                                    16.9
  9960
          21.2
                                                                           20.3
          22.0
                       27.6
                              28.2
                                    28.2
                                          27.5
                                                 23.6
                                                       19.2
## 9961
                 25.3
                                                              16.2
                                                                    17.6
                                                                           16.8
                                                                                  18.0
##
  9962
          22.3
                 26.2
                       29.7
                              28.6
                                    28.6
                                          27.5
                                                 25.1
                                                        22.3
                                                              19.9
                                                                    17.4
                                                                           17.6
                                                                                  18.2
                 25.4
                       27.3
                              28.6
                                    28.8
                                                        20.4
                                                              17.2
##
   9963
          23.3
                                          27.1
                                                 24.6
                                                                    16.3
                                                                           17.5
                                                                                  21.6
   9964
          21.9
                 26.8
                       28.0
                              27.8
                                    28.2
                                           27.9
                                                 23.5
                                                        19.2
                                                              15.6
                                                                    12.8
                                                                           20.1
                       27.8
                              27.8
  9965
          22.6
                 25.2
                                    28.4
                                          26.2
                                                 23.9
                                                        21.8
                                                              20.4
                                                                    17.2
                                                                           16.8
                                                                                  20.9
##
                       27.4
##
   9966
          24.6
                 26.5
                              27.9
                                    27.9
                                          28.2
                                                 26.0
                                                        18.7
                                                              15.6
                                                                    12.6
                                                                           17.3
                                                                                  22.0
  9967
                 26.6
                       27.6
                              28.1
                                           27.3
                                                 24.9
                                                        21.7
                                                              15.3
                                                                           17.2
##
          22.1
                                    27.7
                                                                    15.3
                                                                                  20.0
  9968
          21.2
                 26.0
                       28.5
                              28.1
                                    27.9
                                           27.3
                                                 24.8
                                                        21.1
                                                              16.3
                                                                    16.9
                                                                           17.7
                                                                                  18.3
##
                       27.1
##
  9969
          20.5
                 24.7
                              29.0
                                    29.3
                                           28.3
                                                 23.8
                                                        21.3
                                                              15.1
                                                                     16.9
                                                                           15.8
                                                                                  19.6
          23.4
                 25.1
                       27.5
                              28.2
                                    28.5
                                          27.8
                                                 24.4
                                                        19.9
                                                              20.8
                                                                    18.2
                                                                           15.9
                                                                                  20.8
## 9970
## 9971
          21.6
                 25.5
                       27.5
                              28.7
                                    29.4
                                           28.1
                                                 26.5
                                                        20.3
                                                              20.2
                                                                    16.6
                                                                           18.8
                                                                                 19.7
                                                 23.9
## 9972
          22.4
                 26.5
                       28.5
                              27.7
                                    27.9
                                          27.7
                                                        18.4
                                                              18.9
                                                                    16.1
                                                                           16.5
                                                                                  20.3
## 9973
          23.2
                 25.9
                       28.3
                              28.4
                                    27.5
                                          28.1
                                                 25.6
                                                        20.5
                                                              17.5
                                                                     12.7
                                                                           12.7
                                                                                  16.5
                                                              11.8
## 9974
          21.9
                 26.4
                       28.8
                              28.0
                                    29.1
                                          27.6
                                                 24.5
                                                        20.2
                                                                    14.6
                                                                           18.5
                                                                                  20.7
## 9975
          24.6
                 26.2
                       28.7
                              29.1
                                    29.5
                                           28.1
                                                 23.3
                                                        21.2
                                                              19.2
                                                                    17.3
                                                                           19.6
## 9976
          23.8
                 26.8
                       27.1
                              28.5
                                    28.5
                                          27.7
                                                 24.7
                                                        19.1
                                                              18.4
                                                                    19.5
                                                                           18.4
                                                                                  16.4
          24.1
                 25.3
                       27.9
                              28.0
                                    28.8
                                          27.7
                                                 25.1
                                                        21.2
                                                              20.3
                                                                    14.0
## 9977
                                                                           18.3
                                                                                  18.7
                                                        18.0
                                                                                  22.3
          22.5
                 25.5
                       27.7
                              28.3
                                    29.0
                                          27.3
                                                 24.4
                                                              18.3
## 9978
                                                                    16.5
                                                                           15.4
  9979
          26.1
                 26.3
                       27.9
                              28.0
                                    28.0
                                          27.5
                                                 25.0
                                                        24.0
                                                              22.4
                                                                    15.4
                                                                           16.6
## 9980
          23.2
                 25.8
                       28.1
                              28.9
                                    27.9
                                          27.9
                                                 24.4
                                                        20.0
                                                              19.9
                                                                    18.8
                                                                           19.2
                                                                                  20.7
                 26.8
                       27.4
                              28.2
                                    28.9
                                           27.9
                                                        21.7
                                                              19.2
                                                                    13.7
                                                                           21.5
##
  9981
          23.8
                                                 24.5
                                                                                  18.8
                 25.5
                       28.3
                              28.5
                                          29.3
                                                              18.2
## 9982
          23.3
                                    28.3
                                                 26.3
                                                        21.1
                                                                    16.1
                                                                           21.6
                                                                                  20.6
  9983
          23.7
                 27.6
                       28.9
                              28.4
                                    29.2
                                           28.9
                                                 27.3
                                                        20.6
                                                              19.8
                                                                    18.5
                                                                           19.3
                                                                                  23.5
## 9984
          24.1
                 26.0
                       28.9
                              29.1
                                    28.3
                                          27.6
                                                 27.5
                                                        22.5
                                                              16.2
                                                                    15.7
                                                                           14.0
                                                                                   3.7
##
   9985
          -3.7
                 -8.3
                       15.2
                              19.8
                                    -3.5
                                          11.8
                                                 -6.1
                                                        20.9
                                                              25.2
                                                                     21.4
                                                                            6.9
                                                                                  -0.1
                 17.3
                              15.8
##
   9986
          18.2
                        9.1
                                    19.7
                                           16.1
                                                 -6.0 -10.2
                                                               9.5
                                                                     -3.9
                                                                           -1.4
                                                                                  22.3
                                    20.1
                                                              20.6
  9987
          -1.7
                       -1.3
                               8.9
                                           -1.0
                                                  6.6
                                                       13.3
                                                                    15.8
                                                                            6.4
                                                                                  -0.7
##
                  1.9
          -2.5
##
   9988
                 -6.4
                        9.0
                              14.0
                                    21.2
                                           21.4
                                                 22.0
                                                        18.1
                                                              13.8
                                                                      3.4
                                                                            1.9
                                                                                  -6.7
##
  9989
           5.9
                 11.5
                       19.9
                              25.9
                                    26.3
                                            9.9
                                                  6.6
                                                        14.1
                                                              25.0
                                                                     23.9
                                                                           22.8
                                                                                  15.2
## 9990
          19.6
                24.7
                       22.0
                              14.9
                                     8.0
                                            7.0
                                                 20.3
                                                        25.3
                                                              24.5
                                                                    24.7
                                                                           15.0
                                                                                   3.2
## 9991
          21.4
                 25.6
                       26.1
                              23.5
                                    15.8
                                            3.0
                                                 17.1
                                                        19.9
                                                              25.3
                                                                    14.0
                                                                           21.6
                                                                                  24.1
  9992
          26.5
                 24.1
                       15.0
                              18.6
                                    15.8
                                            6.4
                                                 15.5
                                                        24.3
                                                              24.3
                                                                     22.5
                                                                           17.8
                                                                                   4.1
##
##
  9993
           2.4
                18.2
                       24.5
                              24.6
                                    21.6
                                          15.5
                                                  3.9
                                                         7.3
                                                              19.7
                                                                     26.5
                                                                           24.2
                                                                                  18.3
   9994
                 12.1
                       10.8
                              18.3
                                    19.9
                                           23.2
                                                 27.1
                                                        24.5
                                                              20.8
          16.0
                                                                    16.3
                                                                           11.1
## 9995
          12.6
                 22.1
                       24.3
                              24.6
                                    24.8
                                          17.2
                                                  8.3
                                                         5.4
                                                              16.7
                                                                     24.4
                                                                           26.4
                                                                                  26.2
                        9.6
                               8.9
                                          19.4
                                                 23.9
  9996
          26.0
                 18.6
                                    15.1
                                                        26.9
                                                              26.0
                                                                     22.5
                                                                           18.2
                                                                                  13.2
           6.3
                  6.9
                        7.7
                              15.5
                                    19.5
                                          24.0
                                                              21.6
##
  9997
                                                 25.1
                                                        25.3
                                                                    17.8
                                                                            9.1
                                                                                  11.7
  9998
                 22.9
                       27.2
                              26.6
                                                        27.8
           4.6
                                    16.7
                                            9.6
                                                 12.0
                                                              25.3
                                                                     21.6
                                                                           15.3
                                                                                  12.3
          12.7
                 14.7
                       15.2
                                          27.1
## 9999
                              21.8
                                    21.8
                                                 28.1
                                                        29.1
                                                              21.5
                                                                    14.6
                                                                           11.9
                                                                                  11.3
##
  10000
          17.7
                 25.8
                       27.4
                              27.8
                                    26.6
                                           20.5
                                                 15.6
                                                        13.1
                                                              10.0
                                                                    16.2
                                                                           16.1
                                                                                  19.0
## 10001
          24.8
                 25.8
                       27.1
                              27.8
                                    24.6
                                          21.5
                                                                                 19.8
                                                 15.0
                                                        15.8
                                                              14.7
                                                                     17.1
                                                                           15.4
                                                                                  23.6
## 10002
          24.2
                 28.1
                       27.3
                              24.8
                                    18.4
                                          16.4
                                                 12.1
                                                         8.3
                                                               7.7
                                                                    14.2
                                                                           19.6
          27.2
                 27.7
                       27.9
                              26.6
                                                                           23.0
## 10003
                                    20.5
                                           11.1
                                                 11.5
                                                        11.3
                                                              18.1
                                                                    19.1
                                                                                  27.4
## 10004
          28.5
                 26.5
                       25.9
                              22.8
                                    18.5
                                          12.1
                                                 17.4
                                                        12.9
                                                              18.9
                                                                     20.4
                                                                           25.0
                                                                                  26.5
## 10005
          26.7
                 26.4
                       24.1
                             20.1
                                    16.0
                                          13.7
                                                 13.4
                                                        16.0
                                                              16.4
                                                                    19.5
                                                                           25.3
                                                                                 27.6
## 10006
          28.0
                 27.6
                       23.7
                              20.5
                                    15.7
                                            5.9
                                                  7.6
                                                       13.0
                                                              19.1
                                                                    23.7
                                                                           27.0
                                                                                 27.5
                                            7.6
                                                      14.7 20.5
## 10007
         27.4 26.3 19.7
                            18.2
                                    12.7
                                                 12.0
                                                                    22.5
                                                                           28.3
                                                                                 28.7
```

```
## 10008 28.1 24.4 19.8 16.3 11.0 10.9 12.8 16.7 19.5
                                                                23.3
                                                                      27.3
## 10009
        27.1 24.1
                      20.6
                           16.3
                                 14.8
                                        8.9
                                              11.2
                                                    12.7
                                                          16.6
                                                                22.5
                                                                      24.8
                                                                            27.6
                      20.2
                                                          25.4
                                                                      26.5
## 10010 27.6
              23.7
                            15.3
                                  9.9
                                         8.0
                                              11.0
                                                    22.7
                                                                26.4
## 10011
         23.3
                      16.4
                             7.7
                                              26.7
                                                    27.3
                                                                23.5
               14.9
                                  11.8
                                        20.1
                                                          28.0
                                                                      19.9
                                                                            10.7
## 10012
         14.7
                15.8
                      18.9
                            27.9
                                 20.9
                                        12.1
                                              10.4
                                                    15.5
                                                          24.5
                                                                26.7
                                                                      27.9
                                                                            27.6
## 10013 25.2 14.7
                       9.4
                           10.9 14.9
                                       19.6
                                              22.6
                                                    25.9
                                                          27.5
                                                                26.1
                                                                      19.1
         13.0
               15.2
                     13.5
                           17.0
                                 19.1
                                        23.9
                                              27.0
                                                    27.5
                                                          25.3
                                                                19.5
## 10014
                                                                      16.1
         15.7
               16.8
                      23.9
                           27.8
                                 27.9
                                        27.9
                                              25.6
                                                    20.4
                                                          16.0
## 10015
                                                                14.4
                                                                      14.2
                                                                            17.0
## 10016
         21.5
                25.5
                      27.1
                           28.0
                                  27.6
                                        21.6
                                              13.2
                                                    13.5
                                                          10.9
                                                                14.1
                                                                      16.4
         22.7
                27.1
                      26.0
                           20.3
                                 15.5
                                       14.6
                                              14.7
                                                          28.6
                                                                28.6
## 10017
                                                    22.8
                                                                      10.1
                                                                            14.3
## 10018
         20.8
                24.0
                      26.7
                            27.1
                                  25.4
                                        21.3
                                              12.1
                                                    13.9
                                                          17.2
                                                                20.9
                                                                      10.8
## 10019
               25.8
                      29.2
                           29.1
         19.4
                                  28.5
                                        26.3
                                              22.3
                                                    18.5
                                                          15.0
                                                                13.2
                                                                      14.6
                                                                            15.6
                           27.8
## 10020
         21.8
               23.4
                      26.8
                                  29.1
                                        25.6
                                              21.2
                                                    16.5
                                                          11.9
                                                                12.5
                                                                      14.5
                                                                            17.8
## 10021
         18.5
               25.0
                     27.3 29.9
                                 28.9
                                                    14.5
                                                          20.3
                                                                23.6
                                        14.8
                                               9.1
                                                                      26.7
                                                                            28.0
## 10022
         27.2
               25.0
                     19.8
                           18.9
                                  14.0
                                        11.9
                                              11.1
                                                    15.4
                                                          21.6
                                                                24.1
                                                                      27.0
                                                                            28.0
## 10023
          24.6
               27.0
                     23.4
                           14.6
                                  11.1
                                         8.6
                                              12.4
                                                    17.4
                                                          20.0
                                                                25.1
                                                                      26.5
                                                                            26.7
## 10024
         27.6
               25.6
                      21.1
                           17.8
                                 10.5
                                       10.8
                                              11.1
                                                    18.6
                                                          24.2
                                                                27.8
                                                                      26.9
                                                                            23.5
## 10025
         17.9
               11.2
                     13.2
                           14.5
                                 15.4
                                        18.3
                                              23.4
                                                    28.3
                                                          20.4
                                                                10.9
                                                                      18.3
         10.9
                                                                       8.1
## 10026
              13.8
                     19.5
                           13.1
                                 25.2
                                        27.7
                                              26.7
                                                    22.3
                                                          12.0
                                                                 8.2
                                                                            13.3
## 10027
         19.5
               24.6
                      28.0 29.0
                                 28.8
                                        27.1
                                              21.7
                                                    16.6
                                                           8.5
                                                                 9.8
                                                                      12.8
                                                                            17.5
                                                                14.7
## 10028
         21.3
               23.2
                      29.1 28.6 29.6
                                        25.0
                                              19.5
                                                    16.4
                                                          14.1
                                                                      15.1
                                                                            20.3
## 10029
         21.2
              25.8
                     27.0
                           28.4
                                 27.8
                                        26.2
                                              21.7
                                                    15.4
                                                          14.6
                                                                14.7
                                                                      14.3
                                        27.3
                                              22.0
## 10030
         19.5
               22.4
                      27.6
                           27.1
                                  27.6
                                                    15.2
                                                          13.9
                                                                 8.5
                                                                      13.6
                                                                            14.8
## 10031
         19.8
               23.5
                      27.1
                           27.2
                                  27.8
                                        25.5
                                              21.1
                                                    12.8
                                                          13.8
                                                                 9.4
                                                                      23.6
                                                                            12.8
## 10032 22.8
              27.7
                     16.5
                                  16.7
                                        20.9
                                              23.3
                                                    26.0
                                                          27.7
                                                                27.6
                                                                      25.2
                                                                            22.2
                           14.7
## 10033
         16.4
                 8.7
                      18.0
                           18.7
                                  26.6
                                        22.4
                                              13.8
                                                    12.0
                                                          17.5
                                                                16.2
                                                                      19.6
## 10034
         28.5
               29.0
                      28.8
                           29.3
                                  24.0
                                        15.3
                                              14.6
                                                    14.0
                                                          14.8
                                                                21.4
                                                                      21.3
                                                                            23.7
## 10035
          27.4
                      28.4
                           26.3
                                  23.3
                                        20.0
                                                          10.6
                28.4
                                              12.1
                                                    12.0
                                                                18.4
                                                                      19.3
                                                                            23.8
               28.5
                      28.8
                           26.0
                                                          -5.0
## 10036
         27.4
                                 23.2
                                       15.5
                                              17.3
                                                    10.7
                                                                -0.5
                                                                      17.1
                                                                            21.7
## 10037
          25.2
                22.7
                       7.5
                             0.2
                                   1.0
                                        10.2
                                              19.5
                                                    22.5
                                                          25.9
                                                                22.8
                                                                      17.9
                                                                            11.5
## 10038
           3.8
                 2.8
                     -0.2
                           11.3
                                  17.6
                                        21.7
                                              23.1
                                                    22.0
                                                          18.5
                                                                12.5
                                                                       3.6
                                                                            -4.5
## 10039
         10.3
               17.4
                      22.2
                            21.3
                                  22.5
                                        16.5
                                              12.1
                                                     3.2
                                                          -4.6
                                                                -8.3
                                                                      11.8
                                                                            19.4
               22.6
                                              -2.7
                                                                      23.4
## 10040
          21.6
                     21.8
                           20.6
                                 12.8
                                         8.9
                                                     0.6
                                                          22.7
                                                                24.5
                                                                            21.1
## 10041
         14.7
                7.2
                      1.2
                             4.6
                                 16.6
                                        21.9
                                              22.3
                                                    21.4
                                                          17.9
                                                                14.3
                                                                       5.0
                                                                             2.5
## 10042
           7.9
               21.1
                      22.5
                            22.8
                                  21.1
                                        12.9
                                               2.6
                                                    -2.5
                                                           0.8
                                                                11.2
                                                                      18.0
                                                                            21.3
                                                                            17.2
## 10043
         24.3
               21.6
                      21.9
                             3.2
                                   1.3
                                        0.9
                                               8.6
                                                    15.0
                                                          21.9
                                                                24.5
                                                                      21.3
## 10044
          12.2
                7.3
                       0.7
                           -0.8
                                 -4.4
                                       10.6
                                              15.2
                                                    22.1
                                                          22.5
                                                                22.6
                                                                      19.0
                                                    -3.7
## 10045
           4.2
                 4.2
                      -4.5
                             1.9
                                 11.7
                                        16.0
                                              18.5
                                                           5.3
                                                                10.0
                                                                      19.7
                                                                            21.5
           7.1
## 10046
               -1.5
                       0.0
                           15.1
                                  21.3
                                        15.3
                                               6.4
                                                     3.4
                                                           0.1
                                                                 4.9
                                                                       9.6
                                                                            15.4
         20.9
               24.2
                     19.0
                             3.3
                                 -0.7
                                         0.9
                                               0.8
                                                                            22.0
## 10047
                                                     2.0
                                                           9.4
                                                                15.6
                                                                      21.7
## 10048
         21.5
               18.3
                      1.4
                           -1.2
                                 20.8
                                        21.8
                                              19.4
                                                    16.8
                                                           9.5
                                                                 3.0
                                                                      -5.2
## 10049
         15.3
               19.4
                      23.6 10.2
                                  4.4
                                        21.9
                                              22.3
                                                    13.6
                                                           9.7
                                                                20.2
                                                                      17.3
                                                                            10.0
## 10050
          -3.2
                     13.2 20.1
                                 21.0
                                        20.8
                                                     9.8
                                                          22.8
                                                                20.6
                 1.1
                                              16.2
                                                                      15.4
                                                                             8.4
## 10051
         -0.3
                     19.5
                                 -3.2
                                        10.8
                                              13.1
                                                    21.6
                                                                16.4
                 9.1
                           11.1
                                                           1.1
                                                                      17.0
                                                                             9.1
## 10052
         12.2
               23.3
                      22.1
                           10.7
                                  22.3
                                        -1.6
                                               1.3
                                                     9.8
                                                          15.9
                                                                22.4
                                                                      21.7
                                                                            20.4
          17.4
                                         7.7
                                              10.1
## 10053
                9.3
                       4.5
                             1.1
                                  -1.3
                                                     9.5
                                                          23.0
                                                                10.1
                                                                      13.9
                                                                            18.0
          22.3
               25.9
                      26.6
                                   7.3
## 10054
                             7.1
                                         8.2
                                              14.4
                                                    18.7
                                                          24.3
                                                                28.2
                                                                      25.5
                                                                            22.7
## 10055
          14.2
               11.2
                       5.8
                             7.2
                                 11.3
                                       12.2
                                              17.3
                                                    22.6
                                                          20.9
                                                                19.1
                                                                      17.4
## 10056
         11.8 12.9
                     14.5
                           16.4
                                 17.4
                                        20.4
                                              21.8
                                                    19.8
                                                          18.6
                                                                15.6
                                                                      11.3
                                                                            12.2
                                        21.2
## 10057
          12.2
               16.1
                     16.3
                           18.6
                                 19.6
                                              20.3
                                                    19.8
                                                          17.0
                                                                12.0
                                                                      14.9
                                                                            13.0
## 10058
          15.5
               17.1
                     18.0
                           20.7
                                 20.6
                                        22.1
                                              17.7
                                                    12.2
                                                          13.1
                                                                13.1
                                                                      14.0
                                                                            15.6
                     19.9 19.9
                                                          12.9
                                                                16.4 15.9
## 10059
         17.7
               18.8
                                 18.6
                                       16.2 12.9
                                                    11.4
                                                         16.6
## 10060
         21.3 20.5 20.0 16.2
                                 14.7
                                        13.6 13.1
                                                    14.9
                                                               17.9
                                                                      19.4
                                                                            22.3
## 10061 22.5 19.8 16.1 12.5 12.7 15.7 18.2 19.1 20.7 20.6 20.3 18.0
```

```
## 10062
         16.3 14.6 14.1 16.3 19.5 18.7 21.4 21.7
                                                             23.5
                                                                   20.7
                                                                         17.5
          14.5
                17.0
                       16.7
                             18.9
                                   21.7
                                          22.3
                                                23.3
                                                      21.9
                                                             15.8
                                                                   13.3
                                                                         16.4
                                                                                16.9
## 10063
## 10064
                       22.7
                             20.7
                                                                   18.8
          16.6
                19.5
                                   17.2
                                         13.9
                                                13.4
                                                      16.7
                                                             18.7
                                                                         21.4
                                                                                21.0
                       16.9
                             15.9
                                   16.6
## 10065
          21.1
                20.5
                                          11.9
                                                15.6
                                                      16.0
                                                             17.8
                                                                   21.5
                                                                         22.8
                                                                                20.0
## 10066
          18.8
                17.2
                       14.2
                             10.3
                                   16.6
                                          16.7
                                                18.4
                                                      21.0
                                                             19.2
                                                                   15.6
                                                                          13.1
                                                                                13.9
## 10067
          15.8
                18.3
                       19.0
                            20.3 22.0
                                         21.9
                                                20.7
                                                      15.3
                                                             13.8
                                                                   13.3
                                                                          -5.2
                                                                                -2.0
## 10068
          -2.0
                        7.0
                            10.4
                                   12.4
                                                             -5.3
                  3.0
                                         11.6
                                                 9.3
                                                       5.2
                                                                   -3.6
                                                                         -6.1
                                                                         -5.8
## 10069
          -8.6
                              9.9
                                   12.2
                                          12.4
                                                                   -2.9
                 2.7
                        6.0
                                                 9.9
                                                       3.5
                                                              1.6
                                                                                -5.1
## 10070
           0.5
                  0.7
                        5.9
                              9.1
                                   11.1
                                          11.4
                                                 8.6
                                                       1.5
                                                             -2.1
                                                                   -4.5
                                                                          -4.5
                                                                                -4.3
## 10071
          -3.0
                        7.0
                                                       5.9
                                                             -2.7
                                                                   -1.7
                                                                         -1.9
                                                                                -0.3
                  2.0
                              9.4
                                   12.7
                                          11.6
                                                 8.7
## 10072
          -2.4
                  1.9
                        6.2
                              9.6
                                   11.1
                                          11.3
                                                 9.0
                                                        3.0
                                                             -1.2
                                                                   -7.6
                                                                         -2.9
                                                                                -2.7
## 10073
          -3.8
                  2.4
                        6.8
                              9.0
                                   12.2
                                          10.9
                                                 8.5
                                                       3.5
                                                             -5.7
                                                                   -3.3 -12.7
                                                                                -2.2
## 10074
          -5.1
                  2.9
                        5.7
                              8.9
                                   11.5
                                          11.0
                                                 9.9
                                                       2.7
                                                             -2.3
                                                                   -4.8
                                                                         -1.1
                                                                                -0.3
## 10075
          -0.9
                -0.3
                                   13.8
                                         12.4
                                                10.5
                                                       7.9
                                                             -0.2
                                                                   -4.3
                                                                                -2.9
                        5.8
                            11.4
                                                                           3.7
## 10076
           0.2
                  4.4
                        9.9
                             11.2
                                   14.1
                                          14.4
                                                 9.6
                                                       4.3
                                                              4.3
                                                                    2.8
                                                                         -0.7
                                                                                -0.5
## 10077
           2.7
                  5.7
                        8.2
                             12.0
                                   13.5
                                          13.0
                                                 8.2
                                                        6.4
                                                              0.5
                                                                   -1.8
                                                                           1.1
                                                                                 2.4
## 10078
           3.0
                  6.4
                        9.5
                            12.7
                                   14.5
                                          14.6
                                                10.1
                                                       5.2
                                                              0.2
                                                                   -2.9
                                                                         -4.6
                                                                                -2.8
## 10079
          -4.2
                  3.4
                        9.0
                             10.3
                                   13.1
                                          12.0
                                                10.2
                                                       5.2
                                                             -0.8
                                                                    1.4
                                                                         -2.5
                                                                                -1.8
          -0.1
                                                       7.5
## 10080
                        7.7
                             10.6
                                   14.0
                                          13.7
                                                10.0
                                                                   -1.0
                                                                         -2.4
                                                                                -0.5
                  3.7
                                                              2.1
## 10081
           3.8
                 3.9
                        7.9
                             12.7
                                   14.8
                                          15.0
                                                10.1
                                                       5.9
                                                              4.4
                                                                   -0.7
                                                                          -8.9
                                                                                -2.9
                 3.6
                                   14.1
## 10082
          -2.7
                        8.4
                            10.7
                                          13.1
                                                10.2
                                                       5.0
                                                             -0.6
                                                                   -0.6
                                                                         -0.1
                                                                                -2.4
## 10083
          -3.5
                  2.2
                        7.1
                             10.7
                                   12.9
                                          12.2
                                                 7.8
                                                       4.2
                                                             -5.2
                                                                   -2.8
                                                                         -4.2
                                                28.8
## 10084
          15.0
                25.7
                       26.6
                             29.4
                                   31.0
                                          31.4
                                                      26.5
                                                             22.0
                                                                   15.6
                                                                         20.0
                                                                                25.9
## 10085
          28.1
                29.6
                       28.2
                             31.4
                                   30.5
                                          25.9
                                                23.6
                                                      17.8
                                                             21.8
                                                                   25.0
                                                                          26.8
                                                                                31.1
          29.6
                30.2
                       27.5
                                   21.3
                                                19.7
                                                             30.2
                                                                         32.0
                                                                                29.6
## 10086
                             24.7
                                          14.1
                                                      29.0
                                                                   29.4
                                   28.4
                                          30.3
## 10087
          24.6
                18.6
                       16.9
                             24.3
                                                29.5
                                                      31.9
                                                             29.5
                                                                   25.6
                                                                          19.6
                                                                                19.3
## 10088
          18.2
                26.3
                       27.9
                             28.6
                                   30.2
                                          30.1
                                                27.4
                                                      23.9
                                                             22.8
                                                                   16.7
                                                                          16.1
                                                                                 1.3
## 10089
                12.4
                       19.8
                             21.7
                                   28.4
                                          30.9
                                                      27.5
           7.5
                                                28.8
                                                             18.3
                                                                   15.4
                                                                           6.4
                                                                                12.1
## 10090
                20.4
                       22.5
                                          30.3
                                                             11.9
          14.7
                             26.6
                                   31.2
                                                25.3
                                                      21.9
                                                                    8.7
                                                                          10.1
                                                                                17.9
## 10091
          27.1
                30.9
                       29.6
                             19.2
                                   11.9
                                           7.4
                                                 5.8
                                                      10.4
                                                             10.9
                                                                   17.3
                                                                          24.3
                                                                                24.6
## 10092
          30.4
                30.9
                       26.4
                             22.6
                                   10.9
                                           7.8
                                                10.8
                                                      10.0
                                                             13.6
                                                                   17.5
                                                                          18.2
                                                                                25.2
## 10093
          31.9
                28.8
                       27.0
                             19.2
                                   13.4
                                           7.9
                                                 8.4
                                                      13.3
                                                             11.8
                                                                   20.8
                                                                          24.4
                                                                                31.6
                26.1
## 10094
          28.2
                       20.2
                             14.0
                                    7.1
                                           5.9
                                                 7.8
                                                      13.6
                                                             15.7
                                                                   21.2
                                                                          26.3
                                                                                29.2
                                                 8.9
                                                                         28.1
## 10095
          30.2
                27.0
                       20.9
                             12.7
                                   10.5
                                          10.6
                                                      14.4
                                                             16.8
                                                                   22.1
                                                                                29.8
## 10096
          28.6
                27.9
                       18.4
                             11.2
                                    8.9
                                           6.6
                                                13.5
                                                      14.7
                                                             17.9
                                                                   20.3
                                                                          28.6
                                                                                30.4
## 10097
          29.5
                26.1
                      17.5
                            10.9
                                    8.7
                                           9.4
                                                12.6
                                                      11.1
                                                             17.2
                                                                   24.3
                                                                          26.8
                                                                                30.0
## 10098
          30.6
                26.4
                      21.6
                            12.6
                                   10.4
                                          10.1
                                                 9.8
                                                      16.0
                                                             21.2
                                                                   21.7
                                                                          29.2
## 10099
          29.5
                25.3
                       21.0
                            13.4
                                    8.7
                                           6.2
                                                10.0
                                                      16.3
                                                             18.8
                                                                   22.7
                                                                          30.5
                                                                                32.0
## 10100
          30.5
                27.5
                      19.3
                             12.1
                                    7.6
                                           8.5
                                                11.7
                                                      14.6
                                                             19.4
                                                                   21.4
                                                                          29.8
                                                                                32.7
                                    7.5
                                                             20.8
## 10101
          29.7
                24.7
                       19.2
                            11.3
                                           8.2
                                                10.5
                                                      11.5
                                                                   20.3
                                                                         27.1
                                                                                29.9
## 10102
          27.0
                20.4
                       15.0
                              9.2
                                    6.6
                                          15.0
                                                13.2
                                                      15.2
                                                             22.9
                                                                   24.9
                                                                          30.1
                                                                         30.5
## 10103
          26.2
                20.9
                      13.0
                              8.1
                                    7.4
                                           9.3
                                                12.0
                                                      16.3
                                                             20.5
                                                                   25.7
                                                                                29.9
                10.1
                      10.0
                              7.3
                                   11.9
                                          15.0
                                                22.3
                                                             32.9
## 10104
          24.8
                                                      27.1
                                                                   29.9
                                                                          26.2
                                                                                23.5
                                          23.2
                                                28.1
                                                      32.6
                                                             29.1
                                                                   26.0
## 10105
          13.4
                 8.1
                        6.7
                             10.1
                                   16.9
                                                                          18.8
                                                                                14.0
                 7.9
                        9.5
                             15.2
                                   22.0
                                          28.5
                                                      29.6
## 10106
           8.6
                                                31.9
                                                             26.4
                                                                   20.6
                                                                          12.3
                                                                                 4.5
           7.4
                                   26.7
                                                      27.7
## 10107
                13.8
                      11.1
                             20.8
                                          31.3
                                                30.0
                                                             22.7
                                                                   13.4
                                                                          8.3
                                                                                 7.3
                       25.5
## 10108
          12.3
                13.7
                             27.2
                                   30.2
                                          31.4
                                                27.8
                                                      21.1
                                                             11.3
                                                                    6.0
                                                                          7.6
                                                                                10.3
## 10109
          15.8
                23.3
                       27.0
                             29.8
                                   30.1
                                          26.4
                                                20.1
                                                              7.5
                                                                    9.1
                                                                           9.2
                                                                                16.6
                                                      11.4
                                                              9.1
## 10110
          22.9
                30.6
                       33.0
                             32.2
                                   27.1
                                          19.1
                                                 8.8
                                                       8.4
                                                                   14.4
                                                                          14.5
                                                                                26.1
                       28.7
                                                             26.7
## 10111
          31.6
                32.2
                             21.1
                                   16.1
                                          10.0
                                                15.4
                                                      24.4
                                                                   19.4
                                                                          10.0
                                                                                11.4
## 10112
          17.2
                27.2
                       27.7
                             30.2
                                   31.2
                                          27.1
                                                13.4
                                                      18.7
                                                             25.4
                                                                   32.7
                                                                          25.2
                                                                                18.5
                      13.7
                                                             26.4
## 10113
          12.6
                10.6
                             30.4
                                   30.2
                                          22.1
                                                15.3
                                                      30.5
                                                                    9.5
                                                                          8.9
                                                                                15.7
          27.6
               30.2
                                                             23.4
## 10114
                      30.5
                             32.1
                                   28.3
                                          22.0
                                                 7.7
                                                      11.3
                                                                   27.3
                                                                         19.2
                                                                                13.4
## 10115 10.7 15.3 33.9
                            29.3
                                    8.7
                                          18.3 24.6
                                                     29.4 32.4 30.7
                                                                         26.6
                                                                               11.0
```

```
## 10116    10.5    13.9    26.8    33.2    14.1    11.5    25.5    31.0    30.8    26.7    14.2
## 10117 20.0 25.0 32.9 25.5
                                 19.0
                                       14.6 11.3
                                                    18.5
                                                          22.5
                                                                32.5
                                                                      32.3
                                                                             28.4
## 10118 20.5
              14.9
                      9.7 26.9 30.7
                                       18.5 12.9
                                                    10.8
                                                         27.5
                                                                19.8
                                                                      12.0
## 10119
               18.0
                           27.2 28.0
           9.1
                     20.7
                                         9.6
                                              11.3
                                                    19.2
                                                          25.5
                                                                31.0
                                                                      32.9
                                                                            29.1
## 10120 21.1
                 6.7
                      10.4
                           21.0
                                  24.2
                                        30.8
                                              33.3
                                                    30.4
                                                          26.9
                                                                18.3
                                                                      11.1
                                                                             20.0
## 10121 24.6 30.3
                     32.7
                           28.5 22.2 14.4
                                              10.0
                                                    14.7
                                                          19.4
                                                                22.1
                                                                      31.1
                                                                             29.7
## 10122 32.6
                     13.0 22.8
                                 31.8
                                        33.1
                                              20.6
                                                    12.7
                                                          23.5
                                                                30.7
                 8.7
                                                                       32.0
                     23.5
## 10123 11.1 20.7
                           29.9
                                              13.5
                                  34.1
                                        28.8
                                                     9.0
                                                           8.1
                                                                20.4
                                                                      19.9
                                                                             29.3
## 10124
         10.1
               12.6 18.6
                            25.1
                                 33.5
                                        29.0
                                              22.8
                                                    13.2
                                                           8.4
                                                                 9.2
                                                                       24.1
                                                                             12.0
                     17.8
                             2.0
                                                           5.6
                                                                      -5.2
## 10125
         -0.8
              13.0
                                   2.7
                                         3.3
                                              12.3
                                                    19.2
                                                                -1.8
                                                                             11.6
## 10126
         23.4
                 9.6
                       9.6
                           15.7
                                  24.8
                                        20.6
                                              13.5
                                                     5.4
                                                          19.8
                                                                24.5
                                                                       1.9
                                                                             17.2
## 10127
           4.1
                 9.0
                     14.9
                            21.7
                                  25.7
                                        24.2
                                              18.9
                                                    14.3
                                                          10.1
                                                                 0.6
                                                                      17.4
                                                                             11.6
## 10128
           3.9
                 0.1
                       1.4
                             2.9
                                   9.9
                                        19.9
                                              23.7
                                                    24.6
                                                          18.7
                                                                 6.2
                                                                      -2.9
                                                                             10.7
## 10129
         14.0
               22.6
                      22.3
                                        11.4
                                              15.4
                                                    14.4
                           11.7
                                   6.5
                                                           8.1
                                                                 2.7
                                                                       1.9
                                                                             -5.3
## 10130
           0.8
                11.2
                      20.5
                           21.0
                                  16.5
                                         4.2
                                              -5.6
                                                     0.1
                                                           6.5
                                                                12.9
                                                                      15.7
                                                                             22.0
## 10131
          19.9
                 2.6
                       5.3
                             9.5
                                  17.6
                                        25.5
                                              22.9
                                                    16.0
                                                           8.4
                                                                18.1
                                                                       23.0
                                                                             23.9
         23.2 19.5
                     14.0
                             6.3
                                         0.0
                                               3.0
                                                    13.8
                                                          14.0
                                                                22.5
                                                                      24.1
## 10132
                                   0.7
                                                                             21.8
## 10133
         20.3
                13.1
                       5.3
                             0.1
                                  -1.9
                                         0.3
                                              13.6
                                                    17.6
                                                          19.3
                                                                25.1
                                                                      24.8
                                                                             20.8
## 10134
         12.5
                 4.0
                      -1.1
                           -3.2
                                         3.9
                                               9.1
                                                    16.5
                                                          21.5
                                                                22.9
                                                                      22.5
                                   1.8
                                                                            17.4
## 10135
         14.8
                 5.6
                       5.0
                           -3.0
                                   2.4
                                         4.6
                                              12.0
                                                    16.9
                                                          21.9
                                                                23.8
                                                                       22.6
                                                                             18.8
## 10136
                                                    15.8
         10.4
                 5.6
                       2.4
                           -2.9
                                 -4.8
                                         2.1
                                              10.6
                                                          19.0
                                                                22.7
                                                                      21.9
                                                                             18.8
## 10137
         12.1
                 6.7
                      -4.6
                           -2.9
                                   0.7
                                         3.8
                                              11.4
                                                    18.9
                                                          21.8
                                                                23.7
                                                                       24.3
## 10138
         12.7
                 4.0
                       2.5
                             0.2
                                 -1.7
                                        -2.8
                                              13.1
                                                    14.7
                                                          20.6
                                                                22.2
                                                                      23.2
                                                                             20.2
                     -3.4
## 10139
         13.1
                           -4.3
                                   2.2
                                         6.6
                                               7.5
                                                    21.6
                                                          22.6
                                                                21.7
                 6.4
                                                                      19.4
                                                                             11.4
                 3.1 - 4.9
                           -0.9
                                   5.6
                                         9.6
                                                    24.3
                                                          21.9
                                                                              5.9
## 10140
           6.7
                                              22.1
                                                                17.1
                                                                      10.5
## 10141
         -0.2
                 0.8
                     -2.9
                             5.7
                                  12.4
                                        14.0
                                              22.6
                                                    22.1
                                                          20.5
                                                                17.1
                                                                      12.0
                                                                              3.5
## 10142
           1.8
                -3.9
                     -3.7
                             5.8
                                  11.8
                                        14.9
                                              22.0
                                                    18.5
                                                          22.5
                                                                22.4
                                                                      20.5
                                                                             12.3
## 10143
                 2.7
                     -0.7
           6.7
                             2.2
                                   1.9
                                        11.9
                                              17.0
                                                    22.0
                                                          18.5
                                                                 1.0
                                                                      -3.1
                                                                              3.4
                      21.3
## 10144
           7.4
                18.4
                             4.5
                                 -5.3
                                        -2.4
                                               1.7
                                                    17.2
                                                          20.8
                                                                22.7
                                                                       23.1
                                                                             17.0
## 10145
         12.5
                 9.2
                       3.5
                             1.8
                                  1.8
                                         4.8
                                              12.3
                                                    22.2
                                                          23.0
                                                                20.1
                                                                       11.3
                                                                              4.5
## 10146
           0.0
               -3.1
                       6.1
                            12.1
                                  16.2
                                        19.2
                                              22.5
                                                    17.1
                                                           8.3
                                                                -3.5
                                                                       0.0
                                                                              6.5
## 10147
         11.3
               19.4
                     20.9
                            22.6
                                 20.6
                                        19.1
                                              12.4
                                                     8.3
                                                           0.2
                                                                -0.7
                                                                       3.0
                                                                             11.8
                                        7.3
## 10148
         14.5
               23.1
                      24.1 20.1
                                 12.5
                                               0.4
                                                    15.6
                                                          23.4
                                                                 1.1
                                                                      19.2
                                                                             22.2
## 10149
         21.6
               15.8
                      6.2
                           -1.4
                                  -0.9
                                       12.2
                                              15.1
                                                    23.1
                                                          12.1
                                                                -4.8
                                                                      17.4
                                                                             22.0
                                                                22.0
## 10150
         20.7
                21.4
                     10.7
                           -3.5
                                 14.1
                                        18.3
                                              24.2
                                                    13.0
                                                           0.7
                                                                       22.5
                                                                             17.5
                                                          18.6
## 10151 20.2 17.7
                     11.3
                             4.6
                                  0.3
                                        18.0
                                              21.5
                                                    21.5
                                                                12.3
                                                                      -5.8
                                                                             12.2
## 10152 21.8
                2.9
                     -2.9 -6.8
                                 12.0
                                        19.4
                                              21.7
                                                    22.3
                                                          19.8
                                                                12.8
                                                                      -2.1
## 10153
         11.0 22.7
                      23.9 23.9
                                 20.4
                                        15.1
                                               8.0
                                                     5.5
                                                          14.5
                                                                16.5
                                                                      23.0
                                                                             20.7
## 10154
         18.3 13.9
                       5.8
                           -1.2
                                  -3.3
                                         3.9
                                               8.2
                                                    21.0
                                                          22.6
                                                                22.9
                                                                       22.7
                                                                             20.8
## 10155
         12.9
                 3.2
                       2.2 - 2.4
                                  1.6
                                        12.2
                                             18.1
                                                    24.3
                                                          22.0
                                                                21.6
                                                                             2.0
                                                                       3.3
## 10156
                 9.8
                     22.0 24.8 21.9
                                        18.1
                                              12.4
                                                     8.6
                                                                -0.1
           1.0
                                                           1.4
                                                                      -3.6
                                                                            11.3
## 10157
         15.6 22.5
                     23.1 23.3 19.5
                                       15.8
                                               5.0
                                                     6.0
                                                          -2.9
                                                                13.4
                                                                       23.7
                                                                             20.7
                       3.8
                                                                20.9
## 10158
         11.3
                 4.2
                             0.8 14.0
                                        18.4
                                              24.1
                                                    25.1
                                                          25.0
                                                                       17.5
                                                                             7.9
                 1.2 -5.8 -8.3 -12.8
                                       -3.9
                                                          13.5
                                                                11.5
                                                                             -0.5
## 10159
         11.2
                                               2.8
                                                    11.7
                                                                       8.1
## 10160 -12.7 -13.9 -8.7 -16.0 -19.1
                                        -4.6
                                               4.1
                                                    10.7
                                                          13.7
                                                                10.6
                                                                       7.7
                                                                              2.9
## 10161 -9.2 -17.0 -22.1 -9.6 -15.4
                                        -1.3
                                               5.6
                                                    11.7
                                                          11.9
                                                                11.1
                                                                            -1.3
                                                                       5.9
## 10162 -5.0 -11.3 -15.1 -14.0 -9.5
                                        -3.0
                                               4.9 11.5
                                                           3.2
                                                                13.5
                                                                      13.3 -10.3
## 10163 -17.2 -1.0
                     6.8 11.8
                                 7.3
                                        -0.8 -16.1 -14.8 -10.0
                                                                -7.7
                                                                       1.1 11.1
## 10164
          1.6 -17.4 -16.2 12.2 -20.9
                                        7.7 12.2 11.0
                                                           7.2
                                                                 1.9
                                                                      -5.0 -20.1
         -9.2 -17.2 -9.7
                            7.5 11.8
## 10165
                                        7.3 -9.6 -14.0 -20.3 -13.8
                                                                      -5.9
                                                                            10.7
## 10166
         13.8 12.3
                       7.1
                           -2.7 -15.2 -8.4 -12.8
                                                   -8.1
                                                           0.9
                                                                 6.9
                                                                      14.2
                                                                            13.3
## 10167
         12.8
                7.7
                       2.4 -3.4 -19.8 -16.7 -10.4 -3.9
                                                           0.1
                                                                 4.1
                                                                      11.2 13.2
## 10168 11.0
                 6.6 \quad -1.9 \quad -7.9 \quad -13.2 \quad -15.9 \quad -7.7 \quad -19.3 \quad -7.6
                                                                 5.7
                                                                      10.8 10.3
                 7.2 -2.2 -6.4 -21.9 -13.9 -10.9 -8.3 -11.6
## 10169 12.4
                                                                 6.3 10.1 13.7
```

```
## 10170 10.0
                5.6 -1.6 -8.4 -7.2 -11.6 -20.6 -15.7 -6.2
                                                             6.3
                                                                  8.9 10.7
               7.6 -3.2 -7.3 -20.6 -18.2 -7.1 -9.3
                                                      -4.8
## 10171 11.1
                                                             2.3
                                                                 10.1 15.1
## 10172 11.5
                5.5 -0.8 -10.1 -16.2 -6.9 -11.7 -15.1
                                                      -7.0
                                                             4.7
                                                                   8.4
                9.1 -3.7 -16.2 -9.4 -15.6 -18.4 -16.1
## 10173
          9.8
                                                      -6.9
                                                            -0.6 11.1
                                                                       13.7
## 10174
        11.2
                8.5 -0.1 -6.2 -21.1 -18.0 -20.3 -3.3
                                                      -3.1
                                                             0.3
                                                                   9.2
## 10175 10.1
                8.9 -4.3 -5.3 -16.6 -14.7 -10.8 -19.5
                                                      -5.0
                                                            -0.7
                                                                 11.0 11.7
## 10176 10.9
                7.7 - 3.2 - 6.2 - 17.6 - 13.7 - 12.4 - 6.3
                                                      -0.6
                                                             5.8 12.2 12.2
                                                      -4.9
## 10177 12.4
                7.4 -2.6 -5.3 -12.2 -11.6 -15.9 -10.4
                                                            -2.8 11.3
                                                                       14.4
## 10178 12.1
                5.6
                     1.6 -7.4 -17.3 -12.7 -13.5 -8.2
                                                      -2.7
                                                             7.5 11.3
                                                                       12.1
                                                      -5.4
                    1.7 -12.5 -10.4 -24.3 -8.7 -7.4
## 10179
          9.4
                8.7
                                                             6.3 11.1
                                                                       14.5
## 10180
        10.4
                5.2 -3.5 -6.2 -11.8 -21.3 -18.6 -17.9
                                                      -8.3
                                                             1.9
                                                                  10.0
                                                                       11.6
## 10181
        11.1
                6.7 -0.7 -9.5 -10.6 -16.5 -17.8 -19.0
                                                      -9.8
                                                             2.9
                                                                   9.2
                                                                       14.4
## 10182
        13.0
               6.5
                    1.6 -7.7 -12.4 -20.2 -12.9 -14.5
                                                       4.3
                                                             9.9 11.8
                                                                       10.6
## 10183
         7.4 - 1.0 - 6.4 - 12.8 - 13.5 - 21.7 - 9.4 - 1.7
                                                       7.4
                                                            10.8 12.6
                                                                       13.6
                                                             9.7
## 10184
          9.7 -3.2 -11.7 -19.9 -19.4 -17.3 -12.1 -6.4
                                                       4.3
                                                                 13.7
                                                                       12.4
## 10185 -13.4 -16.2 -17.4
                          3.1 12.7 -5.7 -12.6 -10.2
                                                      11.4
                                                            13.4
                                                                 14.8
                                                                        8.0
## 10186 -1.7 -10.9 -7.2 -10.7
                               -0.8
                                      6.7
                                            7.3 12.2
                                                       7.0 - 2.4 - 4.4
                                                                       -5.8
## 10187 -5.9 -20.6 -7.7 -0.3
                               6.8 12.3
                                           11.7
                                                 7.1
                                                       1.1 -3.7 -18.8 -17.6
## 10188 -10.8 -6.5 -0.2
                          5.9
                                8.0 12.7
                                           10.3
                                                 7.1
                                                       0.0 -7.4 -18.2 -10.9
## 10189 -1.4
               0.2
                     8.9 11.3 12.3
                                     12.3
                                            6.9
                                                 -0.1
                                                      -7.6 -13.3 -11.2 -11.1
## 10190 -7.1 -8.2
                     3.7 10.8 11.8 12.8
                                            8.2
                                                -1.7
                                                      -6.3 -10.5 -15.1 -11.1
## 10191 -7.4 -2.6
                     6.1 10.7 12.1
                                      9.7
                                                -3.1
                                                      -6.1 -6.2 -14.6 -22.5
                                            5.7
## 10192 -4.0 -5.6
                     3.3 12.2 12.8 10.0
                                                -1.0 -8.7 -7.0 -3.3 -12.4
                                            8.0
## 10193 -10.0 -13.2
                          8.7 14.6
                                     11.9
                                                -2.8 -4.1 -3.7 -16.9 -9.1
                     2.5
                                            7.5
## 10194 -10.5 -5.1
                                            7.2 -1.6 -6.4 -5.8 -12.2 -11.6
                     3.9 11.4 12.8 10.8
## 10195 -6.8 -4.7
                     4.1 10.2 13.2 13.5
                                            5.7
                                                  1.3 -10.6 -16.7 -9.4 -12.6
## 10196 -14.1
               0.2
                     6.6 11.3 15.6 11.3
                                            7.1
                                                -2.7 -13.7 -10.2 -24.7
                                                                       -3.3
## 10197 -8.6 -1.7
                     3.4 11.4 12.6 12.4
                                            9.1
                                                -0.2 -12.8 -11.2 -16.3 -24.6
## 10198 -10.1
               0.9
                     6.4 11.2 14.2 13.0
                                                -0.9 -8.3 -12.6 -12.7 -14.5
                                            6.7
## 10199 -7.7 -1.1
                     6.6 11.9 14.1 12.1
                                            9.8
                                                 2.1 -10.3 -16.2 -14.9 -17.9
## 10200 -12.1
              -3.3
                     2.4 11.4 14.1
                                     11.8
                                            3.2
                                                -2.9 -8.4 -12.7 -15.5 -7.1
## 10201 -5.8
               1.6
                     7.7 12.0 14.3
                                     12.3
                                            7.0
                                                 1.4 -3.9 -8.7 -13.8 -11.8
## 10202 -13.5
              -1.5
                     6.8 11.3 13.1
                                     11.3
                                            7.6
                                                -2.6 -8.3 -13.8 -12.4 -10.6
## 10203 -12.6
              -0.2
                     7.9 11.2 13.7
                                     12.0
                                                -0.3 -10.8 -11.7 -13.9 -13.7
                                           10.1
## 10204 -2.7
              -1.7
                     7.2 10.7 13.3
                                     10.9
                                            5.6
                                                 -3.6 -5.0 -14.9 -15.5
## 10205 -13.2
               1.1
                     7.4 12.8 15.0 13.4
                                                -4.2 -5.7 -18.0 -17.3 -12.1
                                            9.3
## 10206 -2.5
              -0.3
                     4.4 10.6 14.0
                                      9.5
                                            7.2
                                                -0.4 -6.7 -15.9 -18.3 -17.7
## 10207 -12.3 -3.4
                     2.8 11.3 12.1 11.2
                                            8.1
                                                -4.0 -12.2 -23.6 -17.2 -3.3
## 10208 -6.1
              -2.6
                     3.3 12.0 12.3
                                     10.7
                                            5.9
                                                -0.1 -3.3 -3.9 -7.4
                     1.8 11.3 11.9 11.9
## 10209 -10.0 -1.3
                                            7.3 -4.2 -12.0 -20.5 -11.3 -10.5
## 10210 -5.5
              -2.4
                     7.4 13.4 13.4 12.8
                                                  2.5 -3.1 -8.5 -11.1
                                            8.1
## 10211 -9.0
               0.8
                     5.9 12.9 13.8 13.2
                                            6.8
                                                  2.1 -3.8 -13.9 -16.8 -9.9
## 10212 -11.0
               0.7
                     8.5 13.5 16.3
                                     15.4
                                            6.6
                                                  2.2 -4.8 -9.6 -11.7
                                                                       -9.9
## 10213 -7.3 -5.9
                                                -0.8 -14.3 -10.0 -21.6 -6.8
                     8.1 13.8 14.6 13.4
                                            8.6
## 10214 -11.6 -7.0
                     5.0 10.9 14.2 11.5
                                            9.4
                                                  3.7 -7.3 -13.6 -12.6 -8.7
## 10215 -16.4
               2.3
                                                 0.1 -4.0 -11.2 -15.3 -18.1
                     7.3 11.4 14.4
                                     14.1
                                            9.7
## 10216 -10.9 -5.2
                     5.8 10.7
                               11.9
                                     12.3
                                            8.5
                                                -5.9 -13.7 -9.7 -15.5 -10.9
## 10217 -11.1 -4.7
                                                  0.9 -12.7 -8.0 -16.6 -11.3
                     5.7 11.1 13.7
                                     11.4
                                            8.2
                                            8.6
## 10218 -15.7
              -4.1
                     6.4 10.5 11.8 11.8
                                                -0.2 -6.7 -16.2 -11.3 -10.8
## 10219 -10.6 -4.9
                     6.9 10.6 10.7
                                     10.7
                                            8.1
                                                 -0.1 -13.7 -10.8 -27.3 -9.6
             -3.9
## 10220 -16.6
                     4.0 10.6 11.3
                                                -0.3 -11.4 -15.4 -9.6 -15.7
                                     11.3
                                            5.8
## 10221 -10.9 -8.1
                     1.9 13.0 13.7
                                     12.5
                                            6.9
                                                 3.5 -6.3 -9.4 -3.3 -8.9
              1.0
## 10222 -10.6
                     6.6 10.5 13.3 13.8
                                            8.9 -2.0 -2.6 -6.9 -13.2 -8.3
## 10223 -6.5 -1.2
                     7.9 13.9 13.6 11.4
                                            6.8
                                                 2.8 -3.9 -9.9 -5.8 -5.7
```

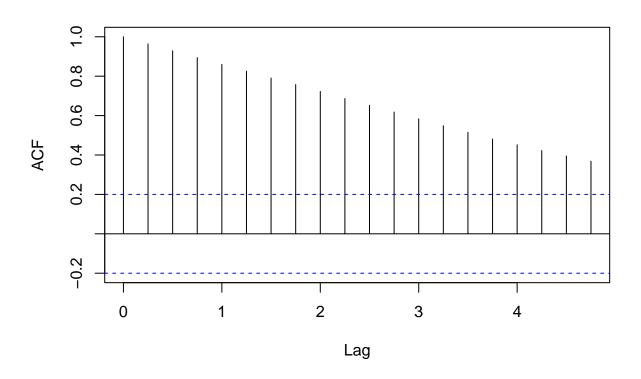
```
5.0
                        9.2 13.3 15.0 14.2
## 10224 -6.2
                                                 8.9
                                                       3.3 -9.8 -10.3 -13.4 -15.1
## 10225 -14.6
                 2.0
                       7.3
                            13.1 14.2
                                         12.1
                                                 7.5
                                                       2.8 -3.2 -3.8 -5.2
                                   11.6
## 10226
           0.3
                 5.6
                      12.2
                             13.8
                                         10.4
                                                 5.1
                                                      -4.6 -12.5 -10.0 -1.4
## 10227
                                                 2.1
                                                      -5.6 -13.4 -20.7 -14.8
           0.2
                 8.3
                      14.7
                             16.2
                                   13.6
                                           9.2
                                                                               -9.8
## 10228
           0.5
                 9.2
                      12.1
                            13.6
                                   13.1
                                           7.4
                                                 2.3
                                                      -4.2 -10.5 -12.0 -12.4 -10.2
## 10229
          -2.5
                 7.7
                      11.1
                            12.5
                                   11.5
                                           6.8
                                                -0.2 -17.3
                                                            -7.2 -15.3
                                                                          1.8
                                                                                 1.9
## 10230
           2.9
                14.0 -12.8
                              8.2
                                   14.7
                                         -4.3
                                                 8.1
                                                      14.1
                                                            20.6
                                                                  16.8
                                                                         10.8
                                                                         -5.0
## 10231
          -6.3
                -1.5
                            12.7
                                   20.5
                                         17.5
                                                16.7
                                                            -6.9
                                                                   20.7
                        9.1
                                                       1.1
                                                                                 5.6
## 10232
          12.8
                21.2
                      19.8
                             13.3
                                   -4.1
                                         -5.7
                                                -1.5
                                                      -2.2
                                                              5.3
                                                                  11.2
                                                                         15.9
                                                                                21.6
          24.6
                23.8
                      18.5
                                   10.4
                                         -0.8
                                                       0.3
                                                              6.0
                                                                                21.8
## 10233
                            16.3
                                                 1.3
                                                                    9.8
                                                                         18.7
## 10234
          24.5
                23.2
                      20.1
                             13.0
                                    9.9
                                           2.6
                                                -1.0
                                                       1.2
                                                              4.6
                                                                   10.3
                                                                         19.5
                                                                                22.5
## 10235
                                           4.2
          24.8
                24.3
                      21.3
                             13.3
                                    7.7
                                                -0.1
                                                       1.4
                                                              5.6
                                                                    9.2
                                                                         15.0
                                                                                23.3
                      20.2
## 10236
          27.1
                25.4
                             13.7
                                    9.6
                                           2.7
                                                 3.4
                                                      -0.8
                                                              3.2
                                                                    9.8
                                                                         12.8
                                                                                22.1
## 10237
          24.1
                23.2
                      19.2
                             14.0
                                    5.9
                                           3.7
                                                -2.9
                                                      -1.6
                                                              5.7
                                                                   12.2
                                                                         15.2
                                                                                20.7
## 10238
          25.1
                24.4
                      21.4
                             15.4
                                    8.0
                                           0.8
                                                -0.6
                                                      -0.3
                                                              3.9
                                                                   12.2
                                                                         17.2
                                                                                21.6
## 10239
          22.9
                24.4
                      19.8
                             13.6
                                    7.8
                                           1.0
                                                -3.3
                                                       0.4
                                                              3.6
                                                                   10.6
                                                                         17.0
                                                                                21.4
## 10240
          25.1
                25.3
                      21.3
                             15.1
                                    9.8
                                           2.3
                                                -1.8
                                                              4.3
                                                                    9.8
                                                                         14.9
                                                                               21.9
                                                       2.2
## 10241
          24.6
                23.8
                      21.6
                             16.9
                                    6.9
                                           4.4
                                                 1.2
                                                      -0.8
                                                              3.2
                                                                    8.7
                                                                         15.4
                                                                               18.8
## 10242
          23.7
                23.1
                      19.9
                             11.2
                                    6.2
                                           3.6
                                                 1.7
                                                       0.3
                                                              7.2
                                                                  11.7
                                                                         14.9
                                                                               22.6
## 10243
          24.9
                25.3
                      20.7
                             15.6
                                    9.3
                                           4.1
                                                 2.0
                                                      -0.3
                                                              4.6
                                                                   11.2
                                                                         14.6
                                                                               19.3
                                    7.9
                                                                    7.3
                                                                         17.2
## 10244
          22.7
                22.7
                      18.2
                             10.6
                                           3.2
                                                 1.9
                                                       1.9
                                                              2.9
                                                                               19.5
## 10245
          23.1
                22.5
                      17.1
                             14.0
                                   10.1
                                           2.1
                                                -2.6
                                                       2.1
                                                              5.5
                                                                   13.1
                                                                         14.4
          23.0
                                                -5.7
## 10246
                22.6
                      18.3
                             11.0
                                    4.6
                                         -1.2
                                                      -0.1
                                                              6.0
                                                                   11.4
                                                                         15.9
                                                                                19.1
## 10247
          23.5
                22.2
                      18.7
                             12.3
                                    8.7
                                           0.8
                                                -3.4
                                                      -4.7
                                                              1.9
                                                                   10.2
                                                                         13.3
                                                                                19.5
## 10248
         21.0
               22.8
                      17.2
                             12.1
                                    7.9
                                           2.8
                                                -5.2
                                                       6.8
                                                              9.9
                                                                   17.2
                                                                         20.5
                                                                                25.1
          24.2
                20.1
## 10249
                      13.3
                             10.1
                                    3.9
                                           0.4
                                                -0.7
                                                       4.0
                                                            11.7
                                                                   18.2
                                                                         19.9
## 10250
          25.7
                21.3
                      13.2
                              5.9
                                   -0.7
                                          -4.1
                                                 3.6
                                                       5.2
                                                            12.4
                                                                   17.7
                                                                         22.6
                                                                               25.7
## 10251
                19.1
                      12.2
                              8.3
                                         -3.7
                                                       5.1
                                                            10.1
                                                                   17.2
          24.3
                                    2.4
                                                 1.7
                                                                         19.3
                                                                                24.6
                                                            10.9
                                                                   14.9
## 10252
          22.4
                19.4
                      14.1
                              9.2
                                    5.6
                                           1.3
                                                 1.7
                                                       6.2
                                                                         22.5
                                                                                25.7
## 10253
          24.8
                21.5
                      14.1
                              8.9
                                    1.7
                                         -1.6
                                                 3.4
                                                       1.3
                                                            10.2
                                                                   14.1
                                                                         20.9
                                                                                22.0
## 10254
          23.0
                17.2
                      14.3
                              7.3
                                    6.3
                                         -3.0
                                                 2.0
                                                       5.3
                                                            12.2
                                                                   15.6
                                                                         18.5
                                                                                22.8
## 10255
          22.2
               21.5
                      13.7
                              9.3
                                    0.6
                                          0.1
                                                -1.0
                                                       4.7
                                                            11.7
                                                                   16.0
                                                                         19.8
                                                                               22.9
## 10256
                              6.5
                                    3.0
                                                -0.9
                                                                         20.6
                                                                               23.5
          21.3
                17.9
                      12.8
                                         -0.6
                                                       5.0
                                                            11.5
                                                                   17.3
## 10257
          21.6
                18.6
                      12.5
                              7.8
                                    2.9
                                         -2.5
                                                       4.4
                                                            10.4
                                                                   14.7
                                                                         19.9
                                                                               23.5
                                                 0.5
                                                                         21.0
## 10258
          23.7
                19.9
                      11.7
                              8.0
                                    1.3
                                           1.8
                                                 1.2
                                                       3.4
                                                            10.0
                                                                   14.9
                                                                               22.5
## 10259
          22.5
                18.7
                      12.6
                              6.5
                                   -4.0
                                           3.3
                                                 2.7
                                                       5.0
                                                            11.7
                                                                   13.9
                                                                         20.1
                                                                               23.1
## 10260
          23.1
                19.4
                      16.5
                              8.8
                                    4.7
                                           0.4
                                                 2.9
                                                       5.8
                                                            13.1
                                                                   18.0
                                                                         21.3
## 10261
          23.5
                18.2
                      13.4
                              7.8
                                    3.4
                                           0.6
                                                 1.3
                                                       2.9
                                                            10.2
                                                                  14.0
                                                                         19.1
                                                                                21.9
## 10262
          21.3
                18.4
                      11.3
                              7.2
                                    2.8
                                           1.6
                                                -1.9
                                                       2.6
                                                            11.4
                                                                   15.9
                                                                         20.4
                                                                                26.7
                                                                         24.2
## 10263
          22.7
                18.7
                      11.9
                              7.1
                                    2.0
                                         -3.4
                                                -2.3
                                                       3.6
                                                            13.1
                                                                   14.2
                                                                               27.0
                                                       6.1
## 10264
          21.6
                18.5
                      14.7
                              9.9
                                    4.4
                                           3.3
                                                 0.3
                                                                   14.8
                                                                         20.2
                                                            11.1
## 10265
          23.6
                18.7
                      15.0
                              6.3
                                   -0.1
                                           0.1
                                                 0.4
                                                       2.5
                                                            11.1
                                                                   14.3
                                                                         21.7
                                                                                23.6
## 10266
                      12.4
                                                            11.3
                                                                   13.3
                                                                                24.9
          21.9
                19.1
                              6.5
                                    5.4
                                           0.4
                                                 4.6
                                                       5.5
                                                                         19.8
## 10267
                20.3
                      13.1
                              7.3
                                    3.8
                                           4.5
                                                            10.3
                                                                   16.5
          22.1
                                                 4.8
                                                       7.0
                                                                         19.7
                                                                                24.3
## 10268
          24.4
                20.5
                      13.5
                              7.8
                                                 2.2
                                                             10.5
                                    4.6
                                           1.1
                                                       5.1
                                                                   16.1
                                                                         22.3
                                                                                26.0
          22.9
                      12.2
## 10269
                19.5
                              9.6
                                    3.7
                                           0.0
                                                 1.3
                                                       6.4
                                                              8.4
                                                                   15.5
                                                                         20.4
                                                                                21.6
                                         -0.7
                                                                         21.8
## 10270
          23.6
                18.2
                      12.3
                              6.6
                                   -1.2
                                                 0.7
                                                       2.7
                                                             9.9
                                                                   15.6
                                                                                23.9
## 10271
          24.3
                18.5
                      12.8
                              9.3
                                    5.3
                                           3.2
                                                 2.9
                                                                   16.0
                                                                         20.1
                                                                                24.4
                                                       6.1
                                                             11.4
## 10272
          23.8
                19.8
                      12.5
                              6.7
                                    1.1
                                         -2.9
                                                -2.1
                                                       4.4
                                                             8.2
                                                                   13.3
                                                                         19.1
                                                                                23.3
                              9.2
                                                 0.2
                                                       4.2
                                                                                22.4
## 10273
          23.5
                19.5
                      11.8
                                    2.4
                                         -3.4
                                                              9.8
                                                                   15.8
                                                                         19.7
          21.8 19.3
                      12.3
                              7.4
                                    2.0
                                         -1.6
                                                 0.1
                                                              9.9 12.8
                                                                         20.9
                                                                               23.5
## 10274
                                                       1.9
   [ osiągnięto getOption("max.print") -- pominięto 15401 wierszy]
```

## ${\bf Autokorelacja}$

Teraz przeprowadzamy testy na autokorelację ACF i PACF dla każdego szeregu czasowego.

acf(ts1)

## Series ts1



pacf(ts1)

## Series ts1

